

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.921

UDC 551 506 1 (41-4)

MAY

1978

VOLUME 95

NUMBER 5

Cool first half, with rain in places: warm and dry later.

Depressions to the south-west and south affected southern areas at the beginning of the month, their associated fronts moving mostly northwards over Britain. A ridge of high pressure from an anticyclone over Scandinavia extended south-westwards over Scotland on the 7th, however, and by the 9th a belt of high pressure became established from Scandinavia to the Azores. This ridge then moved east and frontal systems crossed all parts of the British Isles from north-west to south-east between the 11th and the 15th. Pressure rose again as a ridge over Norway extended south-westwards across the North Sea, but the ridge retreated northwards a few days later as most areas gradually came within the circulation of a complex low-pressure system over the Continent. This European depression moved east on the 23rd and a ridge of high pressure from the Azores then extended north-eastwards across Britain. An anticyclone developed over the North Sea on the 27th and remained in that area until the end of the month, when it declined a little and drifted east.

Weather

The month started cool, and it was very cold in parts of Scotland on the night of the 1st/2nd. A little sleet was reported in Shetland on the 2nd. Most areas had rain at times during the first week, but the heaviest falls occurred in southern England, where it was also thundery. Fog occurred from time to time, mostly over high ground in the south. The weather was drier and a little warmer in the early part of the second week and many areas had prolonged sunshine, but it then became cooler, with rain or showers, some of hail, until around mid-month. The second part of May was mainly dry and warm, and although north-easterly winds kept some eastern coasts cooler, and there was coastal fog at times, most areas became very warm and sunny towards the end of the month.

Wind

Winds were occasionally fresh or strong on exposed coasts, but seldom reached gale force. Speeds were often light during the second half of the month, although onshore breezes affected some coastal districts. Directions were mostly north-easterly, but were occasionally north-westerly.

Temperature

Monthly mean temperatures were above average in northern and western parts of the United Kingdom and in places on the south coast, but were below average along the coast of north-east England and in most of eastern England south of the Humber. They ranged from about 1.5°C above the normal in parts of Scotland, away from the eastern coastal strip, to around 1.5°C below normal along the coast of Norfolk, but most values were within 1°C of average. Temperatures were rather variable until around mid-month; it was mostly cool, particularly along eastern coasts, but some areas became warm by day between the 7th and 11th. Daytime temperatures were higher during the second half of the month, and although some eastern coasts remained cool, it became very warm generally towards the end of the month and was hot in some inland districts. In Scotland temperatures reached about 27°C in a few places on the 29th, and on the 31st maxima of around 28°C were recorded in North Wales and in one or two places in the southern half of England.

Rainfall

Monthly totals were above average only in parts of north-east England and in a band extending southwards from the Humber to the Home Counties. Rainfall was below average in almost all other parts of the United Kingdom, and most western areas, and a large part of central and southern Scotland, recorded less than half the normal amount. Some districts were particularly dry: less than 25 per cent of the average fell in western Scotland, south of Loch Linnhe, and in parts of north-west England, Dyfed and south-west England. This was the driest May at Stornoway (Western Isles) and Paisley (Strathclyde) since 1890 and 1895 respectively and as little as 4 mm fell during the month at Cally Market Gardens (Dumfries and Galloway) and at Stainburn Reservoir (Cumbria). Heavy rain fell in some areas, however. There was flooding in south-east England and in the Cambridge/Huntingdon area during the first week, and thunderstorms were reported in parts of England. Isolated thunderstorms occurred in Scotland and Northern Ireland on the 22nd, 32 mm of rain falling in 30 minutes at Knockbreckan, near Belfast, and many areas had thundery outbreaks on the 31st.

Snow

The higher Scottish mountains remained snow-covered throughout the month, with snow lying down to about 600 m at first, but gradually receding. Over much of the remaining high ground in Scotland, however, as in the extreme north of England, only patches of snow and drifts in corries, were still observed by the end of the month. On Dartmoor, where deep snow accumulated earlier in the year, the last known drift disappeared during the first week of May.

Sunshine

Sunshine totals were a little below average in

south-east England and East Anglia, in Northern Ireland and in parts of western Scotland. Monthly totals were mostly between 100 and 120 per cent of average elsewhere, but exceeded 130 per cent of the normal in the area around Aberdeen. This was the sunniest May along the east coast of Scotland between Dundee and the Moray Firth since 1971. Long sunny periods occurred in many parts of the United Kingdom early in the second week, but sunny spells were more frequent during the second half of the month, and it became very sunny in most areas during the last week.

Fog

Fog formed fairly frequently. Overnight fog patches in the Midlands and south-eastern England during the first week became thick in places and London/Heathrow Airport was affected by fog on the morning of the 3rd. Fog patches continued to occur in inland areas from time to time, chiefly during the early part of the third week and at times in the last week, but most of this overnight fog cleared during the following morning. Hill fog, which was sometimes associated with precipitation, occurred at times over England and Wales until about the 11th, and occasionally affected southern Scotland during the latter part of the month. Coastal fog occurred more frequently, particularly during the second half of the month, and was sometimes persistent. Eastern coasts were the most affected, but fog was also sometimes slow to clear around northern Scottish coasts and patches of sea fog drifted on to western coasts from time to time.

Miscellaneous Phenomena

A funnel cloud was observed at Morley St Botolph (Norfolk) in the early afternoon of the 15th and three funnel clouds were seen near Benson (Oxfordshire) on the evening of the same day.

Table 1 District values

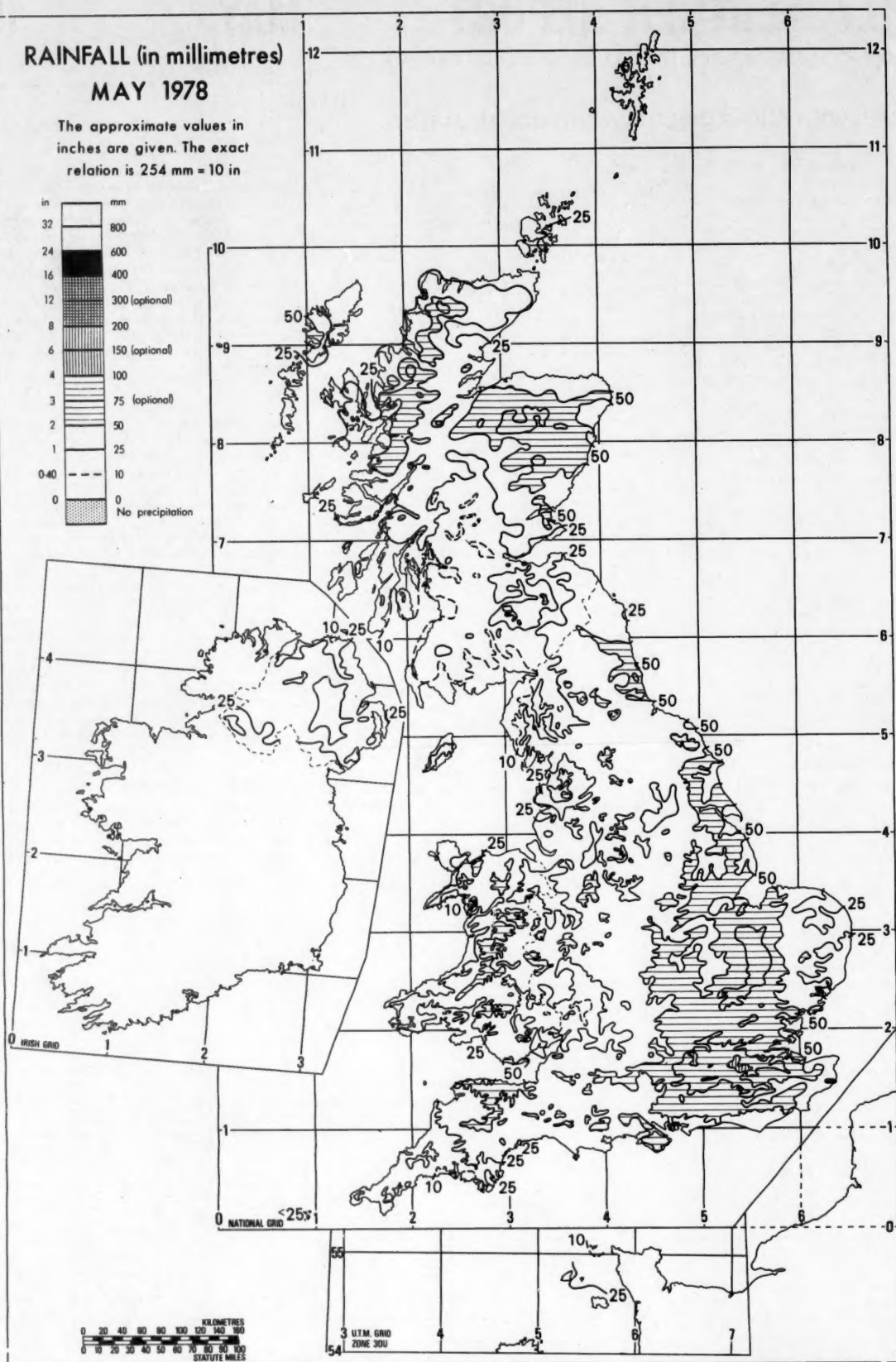
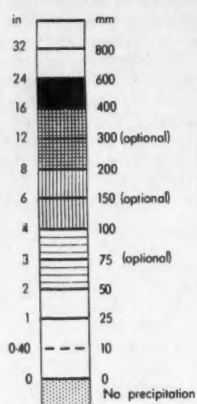
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
			difference from average						
0 Scotland N	26.3	−0.5	+1.3	+0.4	+0.9	−0.1	−7	52	109
1 Scotland E	25.7	−1.6	+1.4	+0.7	+1.0	+0.5	−5	56	119
2 England E & NE	28.4	−0.4	−0.7	−0.1	−0.4	+0.3	−3	91	106
3 East Anglia	28.4	0.5	−1.3	−0.3	−0.8	−0.5	−3	111	91
4 Midland Counties	26.7	0.1	+0.2	−0.1	+0.1	−0.1	−3	66	107
5 England SE & Central S	27.0	1.3	−0.2	0.0	−0.1	−0.5	−3	93	95
6 Scotland W	25.8	−1.1	+1.7	+0.3	+1.0	+0.1	−7	22	106
7 England NW & Wales N	27.7	1.2	+1.1	+0.2	+0.7	−0.3	−4	38	112
8 England SW & Wales S	27.1	3.2	+0.3	0.0	+0.1	+0.3	−5	40	106
N Ireland	24.5	−1.5	+1.1	+0.1	+0.6	+0.2	−6	42	89
Scotland	26.3	−1.6	+1.5	+0.5	+1.0	+0.2	−6	43	111
England & Wales	28.4	−0.4	−0.1	−0.1	−0.1	−0.1	−3	73	103

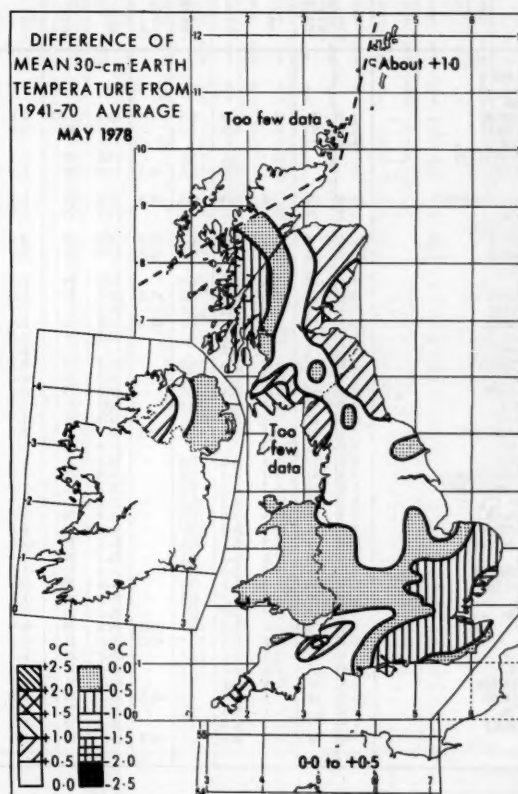
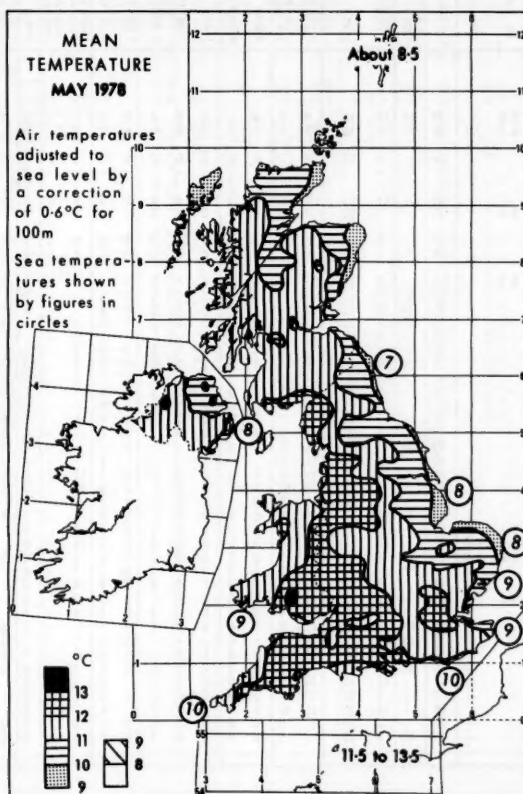
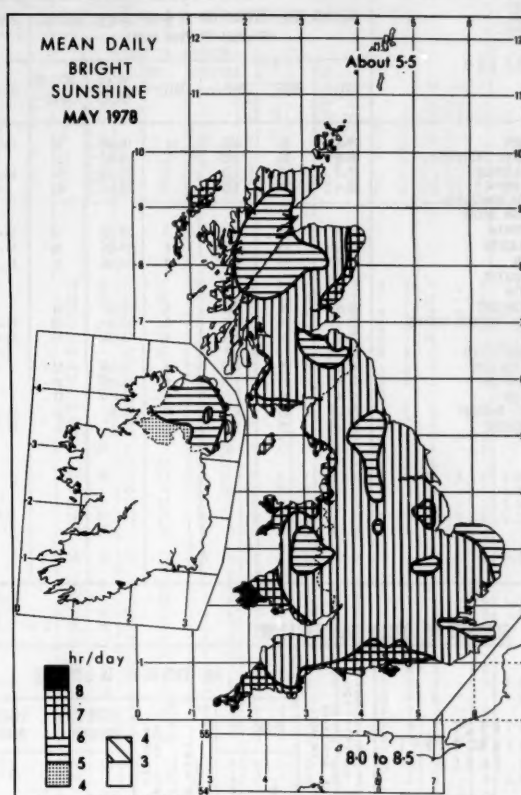
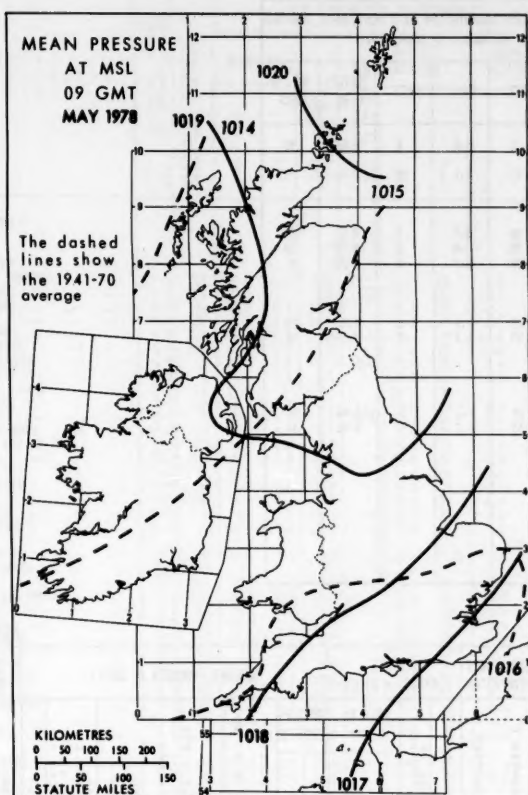
*Highest maximum and lowest minimum of District Value Stations

RAINFALL (in millimetres)

MAY 1978

The approximate values in inches are given. The exact relation is 254 mm = 10 in





MAY 1978

STATION		DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAWATT PER SQUARE METRE)					DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAWATT PER SQUARE METRE)					
		MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN
LEWICK	27.4	31	6.3	11	16.90	30	13.2	3	5.5	8	9.65	30
ABERDEEN UNIVERSITY	26.8	30	2.3	5	17.82	31						
ESKDALEMUIR	28.3	9	4.3	5	16.33	31	13.0	21	1.1	29	8.66	31
SUTTON DOMINGTON	28.4	18	3.1	1	16.41	31						
GRANFHAM WATER												
ABERPORTH	27.9	28	3.1	7	18.12	29	14.8	16	3.1	7	8.61	29
CARDINGTON	29.3	25	1.9	2	16.05	30	14.4	19	1.9	2	8.32	30
SILSOE	29.5	25	1.8	2	16.53	31	14.2	19	1.7	2	8.23	31
ROTHAMSTED												
CARSTON												
MALLINOFORD	26.6	26	2.3	5	15.07	31						
LONDON HEATHER CENTRE	30.6	25	1.2	8	16.0	29	13.0	19	1.3	8	8.2	29
KEW	29.6	25	1.7	8	15.94	31	13.6	19	1.7	8	8.19	31
EASTHAMPTON												
EASTHAMPTON	27.2	25	0.3	1	15.45	31						
RUSTINGTON	31.0	25	2.9	1	18.75	31						
WAREHAM	27.4	26	2.7	1	18.14	31						
JERSEY AIRPORT	27.2	29	4.2	5	20.63	31	14.7	26	4.1	5	10.43	31
ALDERBORO	27.6	29	7.7	8	17.17	31	13.9	30	6.2	9	9.95	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL (HOURS) HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE	
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1961-70 AVERAGE	HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	SNOW OR HAIL	SNOW LYING AT 9H	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION CONCRETE MIN. BELOW 0 DEG C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE		
			MAX. (A)	MIN. (B)																								
			MAX. (A)	MIN. (B)																								
0 SCOTLAND N																												
SHETLAND																												
BALASOUND ...	9 9	24	11.7	4.8	8.3	+0.4	19.0	29.30	0.6	1																5.74	114	
FAIR ISLE ...	9 9	57	9.7	6.1	7.9	-	15.4	30	2.4	2																6.22		
LERWICK ...	21-9	82																										
PSYCHROMETER SCREEN ...			10.7	5.6	8.1	-	17.6	30	1.1	2																5.57	110	
ORNEY			10.8	5.5	8.1	+0.5	17.9	30	1.2																			
KIRKALLA AIRPORT	21-9	26	12.6	5.9	9.3	+0.8	20.6	29	1.2	3																6.19	118	
WETLAND ...	9 9	24	12.2	6.1	9.1	-	19.7	29	1.9	3																		
WESTERN ISLES																												
BENBULLA ...	21-9	6	14.1	7.0	10.5	+0.8	23.2	31	3.5	3																6.81	180	
STORMWAY ...	21-9	15	13.2	6.7	9.9	+0.8	21.4	31	3.4	3																7.15	119	
HIGHLAND																												
ACHARY ...	9 9	107	15.4	4.5	9.9	-	24.5	29	-2.2	3																	5.63	
ACHINSHALLACH	9 9	67	16.3	6.2	11.3	+1.6	26.3	31	0.1	5																		
BALMORACH ...	9 9	4	16.7	7.5	11.5	-	24.9	31	1.1	5																		
CAPE WRATH ...	21-9	112	11.5	6.6	9.1	-	21.0	30	2.4	3																	6.30	
CASLEY ...	9 9	99	15.4	4.9	10.1	-	25.5	31	-1.5	3																		
CORPACH ...	9 9	8		6.3		-			0.5	5																		
CRAIGDARROCH	9 9	38	16.9	4.9	10.9	-	26.8	29	-0.9	3																		
DALCROSS ...	9 9	11	14.8	6.2	10.5	-	24.0	28	-0.3	3																		
DALWHINIE ...	9 9	351	14.6	3.4	9.0	-	22.9	29	-3.2	2																		
DIBRATH ...	9 9	60	15.9	8.0	11.9	-	26.0	31	-2.9	2																		
DOONREY ...	9 9	21	14.8	5.5	10.1	-	25.2	31	-1.5	2.3																		
FORT AUGUSTUS	9 9	21	15.5	8.1	10.8	+0.9	26.7	31	0.0	2																		
FORTROSE ...	9 9	5	13.2	-	-	-	21.9	28	-																			
GEISDEIL ...	9 9	12	15.6	6.2	10.9	-	25.5	31	-1.4	2																		
GLENMORE LODGE	9 9	341	15.1	3.3	9.2	-	24.2	29	-2.6	3																		
GRANTOWN-ON-SPEY	9 9	229	15.7	4.1	9.9	-	25.3	30	-2.6	3																		
HEARIE ...	9 9	109	14.7	6.3	10.5	-	23.8	31	0.4	5																		
INVERNESS ...	9 9	4	15.4	7.0	11.2	-	26.1	30	2.3	3																		
INVERPOLY ...	9 9	14	16.9	6.6	10.7	-	23.6	31	0.8	5																		
ISLE OF RHUM	9 9	5	15.7	5.1	10.5	-	24.9	31	-0.6	5																		
KEISS ...	9 9	30	12.0	6.1	9.1	-	18.7	29	0.4	9																		
KNOCKANROCK	9 9	244	14.5	5.8	10.1	-	24.5	31	-1.8	2																		
LAGGANLIRA	9 9	250	15.9	2.6	9.3	-	24.6	29	-5.6	2																		
LAIRD ...	9 9	107	15.8	4.1	9.9	-	25.8	29	-3.1	3																		
LENTRAN ...	9 9	146	15.2	5.0	10.1	-	25.2	29	-0.6	3																		
NARIN ...	9 9	6	14.4	5.9	10.1	+0.6	23.8	28	-0.4	3																		
ORICH ...	9 9	15	17.0	5.7	11.3	+1.0	25.4	31	-0.5	5																		
POOLEME ...	9 9	6	15.9	7.4	11.7	-	25.1	31	1.7	2																		
PROBOST ...	9 9	67	15.6	6.5	11.1	-	25.6	31	1.6	2																		
STRATHCONON	9 9	107	16.5	4.5	10.5	-	26.1	31	-1.1	9																		
STRATHNESS	21-9	18	12.9	6.7	9.8	+0.5	19.8	26	3.5	3																		
TONTATIN ...	9 9	311	15.1	3.5	9.3	-	24.5	29	-1.2	3																		
TORTISDALE	9 9	27	14.7	5.8	10.3	-	24.9	30	-																			
WICK ...	21-9	36	12.0	6.1	9.1	+0.8	19.1	29	1.0	9																		

MAY 1978

[illegible]

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1978

DISTRICT REGION/COUNTY AND PLACE			MAX. TEMPERATURE MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-50 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-50 AVERAGE	HAIL IN A DAY	PRECIP- ITATION 0.2 MM OR MORE ON MORE DAYS	SNOW OR SLEET	SNOW LYING AT 09	HAIL ICE PELLETS ETC.	THUNDER HEARD	FOG AT 09	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-50 AVERAGE EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1978

DISTRICT REGION/COUNTY AND PLACE		MAX. TERMINAL WIND MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE HSL (METRES)	AIR TEMPERATURE IN DEGREES C					MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE													
				MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1951-70 AVERAGE	HIGHEST		LOWEST		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1951-70 AVERAGE	AMOUNT (MM)	DATE	PRECIP- ITATION	0.2 MM OR MORE IN 24 HOURS	SNOW ON GROUND	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1951-70 AVERAGE	EXPOSURE				
								MAX.	DATE	MIN.	DATE																									
2 ENGLAND E & NE -CONTINUED																																				
DURHAM		99	102	15.4	6.0	10.7	+0.6	23.8	29	2.0	25	11.5	9.1	53	104	20	5	10	8	-	0	-	-	-	-	-	-	-	-	-	-	-	5.76	107	8	
DURHAM		99	155	15.0	4.9	9.9	-	24.4	29	1.1	25	9.8	8.0	36	-	16	5	10	6	-	0	-	-	-	-	-	-	-	-	-	-	-	-	5.76	107	8
WIDDYBARK FELL		99	513	13.1	3.3	8.2	-	21.7	29	-1.2	19	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.21	-	-	
CLEVELAND		99	31	15.1	5.6	10.3	-	25.2	31	1.4	25	-	-	36	89	21	5	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5.54	-	-	
HARTBURN GRANGE		99	9	12.9	7.3	10.1	-0.4	19.6	29	5.0	18	-	-	45	105	27	5	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	5.96	-	-	
NORTH YORKSHIRE		99	33	15.7	5.8	10.7	-	25.4	31	3.0	3	-	-	25	51	9	4	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.36	111	-	
ASHKHAM BRYAN		99	6	15.7	6.2	10.9	-	24.6	31	3.5	3.19	10.9	9.6	24	52	9	4	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.20	-	-	
CANWOOD		99	175	13.6	5.7	9.7	-	22.5	31	3.1	20	9.8	-	59	107	22	5	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.74	-	-	
HIGH HONTHORPE		99	32	15.6	6.4	11.0	-	25.7	31	2.9	10	11.1	8.9	41	90	14	5	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	5.89	-	-	
LEEDING		21-9	395	14.1	5.1	9.6	(+0.9)	22.0	31	1.0	18	9.1	-	37	38	9	5	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
WALHAM TARN		99	44	15.4	5.3	10.3	-	25.9	31	1.6	10-25	-	-	35	73	18	5	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
PICKERING		99	52	12.9	6.4	9.7	-	20.5	29	3.8	18	10.8	9.3	49	102	27	5	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.40	108	-	
SCARBOROUGH		99	203	13.5	5.3	9.4	-	22.0	31	1.6	4	9.0	-	49	75	24	5	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.70	-	-	
SILPHO MOOR		99	290	14.2	4.0	9.1	-	22.8	28	-0.6	18	9.0	-	40	-	7	11	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	5.64	-	-	
SNATZELHOLME		99	41	12.8	6.5	9.7	-	22.7	29	2.6	18	-	-	52	-	29	5	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.54	-	-	
WHITBY		21-9	60	11.5	6.6	9.1	-	20.6	29	1.3	18	-	-	54	-	29	5	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.68	-	-	
WHITBY (CONTOUR)		99	19	16.2	5.9	11.1	-	26.0	31	3.1	3	11.2	9.8	32	72	11	5	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.68	-	-	
HUMBERSIDE		99	48	11.5	6.1	8.8	-	19.3	31	3.8	25	-	-	43	80	26	5	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.55	-	-	
BRIDLINGTON		99	7	12.8	7.2	10.0	-1.0	17.1	23	4.4	17	-	-	46	101	30	5	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.32	102	-	
CLEETHORPES		99	2	14.8	6.8	10.8	-0.6	22.9	31	2.9	17	11.8	9.7	54	113	31	5	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.76	117	-	
HULL		99	2	14.8	6.8	10.8	-0.6	22.9	31	2.9	17	11.8	9.7	54	113	31	5	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.76	117	-	
LINCOLNSHIRE		21-9	108	13.2	5.9	9.5	-	21.3	31	2.6	10-25	-	-	47	90	28	5	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.85	-	-	
BIMBROOK		99	21	14.9	5.8	10.3	-	23.7	31	1.4	10	-	-	52	-	26	5	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
CAISTON		99	62	15.0	5.9	10.5	-0.6	25.0	31	1.6	10	11.8	10.0	60	122	31	5	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	6.86	108	-	
CRAWELL		99	4	14.4	5.6	10.0	-	23.1	31	2.0	25	10.2	8.9	55	-	29	5	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.97	-	-	
KIRTON		99	6	15.4	5.4	10.4	-0.7	25.0	31	-0.4	10	10.9	9.3	50	-	28	5	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.75	-	-	
LINCOLN		99	5	11.9	7.0	9.4	(-1.4)	16.0	31	4.0	25	-	-	46	105	24	5	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.46	1100	-	
SKEGNESS		99	4	-	-	-	-	-	-	-	-	-	-	68	138	40	5	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
SUTTON BRIDGE		99	4	-	-	-	-	-	-	-	-	-	-	68	138	40	5	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
WADDINGTON		21-9	68	15.1	6.1	10.6	-0.5	25.2	31	0.9	10	-	-	48	104	29	5	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7.07	108	-	
3 EAST ANGLIA																																				
NORFOLK		21-9	17	13.4	6.5	9.9	-	24.4	31	2.1	17	-	-	24	55	8	5	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
COLTISHALL		99	54	12.2	6.7	9.5	-1.6	23.8	31	4.7	10.14	-	-	31	67	10	5	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	5.08	79	-	
CROMER		99	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CORLESTON		99	23	15.0	6.7	10.9	-	26.3	31	3.4	17	-	-	68	-	39	5	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.54	-	-	
MARHAM		99	26	14.8	5.9	10.3	-	26.6	31	1.9	17	11.6	-	33	-	8	5	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.04	-	-	
NORLEY ST BOTOLPH		99	24	16.1	4.2	10.1	-	27.2	31	-2.5	26	10.3	9.2	44	91	23	5	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.15	-	-	
SANTON DOWNHAM		99	27	15.8	6.2	11.0	-	26.5	31	0.9	17	12.3	11.0	25	-	7	5	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.19	-	-	
SCALE		99	3	14.8	5.9	10.3	-1.0	28.4	31	2.4	17	11.3	-	66	137	38	5	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.43	100	-	
TERRINGTON ST CLEMENT		99	53	15.5	5.6	10.5	-	25.8	31	1.7	16	-	-	63	129	47	5	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.84	-	-
CAMBRIDGESHIRE		99	12	16.3	6.5	11.4	(-0.5)	27.1	31	2.0	16	12.2-10.31	-	71	158	52	5	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
BOXMOUTH		99	24	16.0	6.1	11.1	-	26.5	31	1.6	26	-	-	78	177	59	5	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	6.05	94	-	
CAMBRIDGE		99	2	16.2	6.2	11.2	-	27.6	31	3.8	26	-	-	85	171	45	5	11	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BOTANICAL GARDEN		99	21	15.9	6.1	11.0	-	26.1	31	1.1	25	-	-	40	-	27	5	9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY		99	-2	15.9	6.1	11.0	-	26.2	31	1.3	26	11.6	9.7	70	-	46	5	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TEMP. (°C)	MIN. TEMP. (°C)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)				WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1951-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF FALL-TO-AVERAGE	HOUR IN DAY	DATE	PRECIP- ITATION 0.2 MM OR MORE 0.1 MM OR MORE	SNOW OR SLEET SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DRASS AT 10.0 C CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1951-70 AVERAGE EXPOSURE					
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
4. MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BARROD ...	9 9	134	15.2	6.5	10.9	+0.4	24.5	31	4.3	19	10.6	8.7	42	66	15	4	10	7	0	0	0	0	0	0	1	-	0	5.82	105	S		
BRADFORD ...	9 9	54	15.5	5.6	10.5	-	24.4	31	2.2	17	-	-	46	86	28	4	12	5	0	0	0	0	0	0	3	-	0	-	-			
HUDDESFIELD (OAKES)	21-9	232	15.6	5.9	10.7	+0.3	25.2	31	3.3	9.20	9.7	7.3	50	70	19	4	14	6	0	0	0	0	0	0	0	0	0	5.57	106	-		
ILKLEY ...	9 9	83	16.1	6.4	11.3	+0.6	25.2	31	3.3	10	-	-	33	52	11	5	9	7	0	0	0	0	0	0	0	0	0	5.98	109	-		
PONTEFRAC ...	9 9	78	15.7	6.6	11.1	+0.2	24.8	31	4.4	3	-	-	20	40	6	4	11	11	5	0	0	0	0	0	0	0	-	-	-			
TODMORDEN ...	9 9	160	15.7	5.9	10.8	-	24.9	31	2.3	10	-	-	33	-	10	4	11	7	0	0	0	0	1	1	0	0	-	-	-			
WILSON ...	9 9	262	14.7	5.4	10.1	-	25.0	31	3.0	3	-	-	45	-	22	4	11	5	0	0	0	0	0	1	3	0	1	2	0	-		
SOUTH YORKSHIRE																																
FINNINGLEY ...	21-9	10	16.3	6.4	11.3	-	26.5	31	3.8	19	-	-	25	53	14	5	10	5	0	0	0	0	0	0	0	3	0	6.45	-	-		
SHEFFIELD ...	9 9	206	15.8	6.5	11.1	-	24.7	31	4.3	1.2.20	-	-	27	-	15	5	13	6	0	0	0	0	2	2	0	0	0	-	-			
DORE ...	9 9	131	(16.1)	(7.1)	(11.6)	(+0.3)	26.2	31	4.5	2	11.1	9.1	35	53	13	5	14	8	0	0	0	0	1	-	0	-	0	5.83	111	-		
DERBYSHIRE																																
ASHOVER ...	9 9	178	15.8	6.1	10.9	-	25.7	31	3.0	15	-	-	33	-	14	5	13	6	0	0	0	0	2	3	0	2	0	6.24	-	-		
BUXTON ...	9 9	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
DERBY ...	9 9	48	16.7	7.2	11.9	-	27.0	31	3.7	10	-	-	27	53	16	5	9	5	0	0	0	0	0	1	0	0	0	5.89	-	S		
WINGERSWORTH ...	9 9	116	15.9	5.5	10.7	-	25.4	31	0.9	10	10.8	-	39	-	15	5	12	6	0	0	0	0	3	2	0	0	0	6.00	-	-		
NOTTINGHAMSHIRE																																
WANSFELD ...	9 9	114	15.5	6.4	10.9	-0.2	25.5	31	3.5	19	-	-	36	-	17	5	11	9	0	0	0	0	0	0	0	2	0	-	-			
NEWTHORPE ...	9 9	50	-	2.5	-	-	-	-	-1.1	14	-	-	30	-	16	5	8	5	-	-	-	-	-	-	-	-	0	-	-			
NOTTINGHAM ...	9 9	59	-	-	-	-	-	-	-	-	-	-	41	84	23	7	6	5	-	-	-	-	-	-	-	-	0	-	-			
SUTTON BONINGTON ...	9 9	48	16.1	5.3	10.7	-0.4	26.1	31	1.6	10.27	10.8	9.4	39	77	21	5	10	5	0	0	0	0	2	0	0	0	0	6.31	110	-		
WASPOUR ...	9 9	46	15.9	5.2	10.5	-	26.0	31	0.6	10	-	-	29	57	15	5	10	7	0	0	0	0	0	1	0	0	0	6.11	-	-		
WATWELL ...	21-9	117	15.8	6.5	11.1	0.0	26.5	31	3.7	19	-	-	31	55	16	5	11	6	0	0	0	0	2	3	0	0	0	6.10	109	-		
STAFFORDSHIRE																																
KEELE ...	9 9	179	15.4	6.7	11.1	-	25.9	31	3.8	19	10.7	8.3	49	77	21	2	13	9	0	0	0	0	2	0	0	3	0	6.30	-	S		
ORRINGTON ...	9 9	125	16.2	6.0	11.1	+0.2	26.0	31	3.1	15	11.2	-	39	60	21	2	10	8	0	0	0	0	0	1	1	0	0	0	-	-		
PENKEDGE ...	9 9	101	15.8	5.1	10.5	-	25.5	31	1.7	15	-	-	32	52	18	2	11	7	0	0	0	0	0	0	0	0	0	-	-			
STONE ...	9 9	107	15.6	6.3	10.9	-	24.8	31	3.3	10	-	-	34	56	17	2	11	8	0	0	0	0	0	2	1	0	0	6.52	-	-		
LEICESTERSHIRE																																
CALDECOTT ...	9 9	53	15.7	5.5	10.6	-	26.0	31	0.5	10	-	-	46	101	31	5	11	6	0	0	0	0	0	1	3	0	2	0	6.33	-	-	
NEWTOWN LINCOLN ...	9 9	119	15.9	6.0	10.9	-	26.1	31	1.7	15	-	-	43	76	20	5	10	8	0	0	0	0	0	1	2	0	0	6.52	-	-		
SALOP																																
HAMPTON LODGE ...	9 9	70	17.0	6.2	11.6	-	27.0	31	2.5	10	-	-	42	-	18	2	11	8	-	-	-	-	-	-	-	-	0	6.35	-	-		
NEWPORT ...	9 9	64	16.5	6.7	11.6	+0.7	25.6	31	2.0	15	-	-	44	75	23	2	12	7	0	0	0	0	0	1	0	0	3	0	6.73	119	-	
OSNESTRY ...	9 9	174	15.9	6.5	11.2	+0.5	24.5	31	0.5	10	-	-	39	52	15	2	10	10	0	0	0	0	0	1	1	0	0	0	6.20	108	S	
PRESTON MONTFORD ...	9 9	67	16.5	6.1	11.3	-	25.4	31	3.1	10	12.0	10.0	63	-	28	4	12	10	0	0	0	0	0	2	0	0	0	6.37	-	-		
SHAWBURY ...	21-9	72	16.5	6.7	11.6	+0.5	25.2	31	2.0	15	-	-	50	84	22	2	13	8	0	0	0	0	2	0	0	0	4	0	6.62	113	-	
SHREWSBURY ...	9 9	56	(13.3)	7.1	(10.2)	(-1.2)	20.1	30	2.3	10	12.6	10.9	39	69	19	2	12	6	0	0	0	0	0	2	0	0	0	0	5.93	103	-	
WEST MIDLANDS																																
BIRMINGHAM																																
EDBASTON ...	21-9	163	15.8	7.4	11.6	+0.2	25.7	31	4.4	18	9.4	-	33	48	21	2	10	6	0	0	0	0	0	1	2	0	4	0	6.36	116	-	
ELMDON AIRPORT ...	21-9	96	16.1	5.7	10.9	-0.1	25.9	31	0.1	15	-	-	31	-	19	2	8	4	0	0	0	0	0	1	1	0	10	0	6.66	112	-	
KING EDWARD'S SCHOOL ...	9 9	137	17.3	7.5	12.4	-	25.4	31	3.9	14	-	-	31	48	20	2	7	5	-	-	-	-	4	0	-	-	-	0	-	-		
COVENTRY AIRPORT ...	9 9	81	16.0	5.9	10.9	-	25.8	31	0.8	16	10.2	9.4	44	-	17	2	10	7	0	0	1	0	0	0	0	-	0	6.60	-	-		
WARWICKSHIRE																																
LUDDINGTON ...	9 9	56	16.5	6.3	11.4	-	26.0	31	2.3	10.16	-	-	41	-	22	2	10	8	0	0	0	0	0	1	0	0	2	0	6.30	-	-	
MORETON MORRELL ...	9 9	85	16.2	5.6	10.9	-	26.0	31	0.9	16	-	-	37	66	19	2	10	7	0	0	0	0	0	2	0	0	5	0	6.41	-	-	
RUGBY ...	9 9	116	16.0	6.3	11.1	-0.2	25.7	31	2.7	10	12.6	10.4	45	84	20	5	10	7	0	0	0	0	0	1	0	0	1	0	6.20	108	S	
SHIPSTON-ON-STOUR ...	9 9	111	16.2	6.5	11.3	0.0	25.1	31	3.0	15	10.6	-	37	63	19	2	11	6	0	0	0	0	0	2	2	0	1	0	6.31	104	-	
STRATFORD-UPON-AVON ...	9 9	49	16.6	5.5	11.1	-0.2	26.3	31	0.3	10	12.0	-	41	75	20	2	11	9	0	0	0	0	0	0	0	0	6	0	6.13	105	-	
WELLSBOURNE ...	9 9	47	16.3	5.5	10.9	-	26.2	31	1.1	10	11.3	9.8	37	70	19	2	11	5	-	-	-	-	-	-	-	-	0	-	-	-		
NORTHAMPTONSHIRE																																
BUCROOKE HILLS ...	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MAULTON PARK ...	9 9	122	15.5	5.9	10.7	-	25.4	31	2.6	19	11.5	9.4	45	-	31	5	12	5	0	0	0	0	0	0	1	1	0	2	0	6.62	-	-
RAMOUDS ...	9 9	59	16.1	5.9	11.0	-0.5	26.5	31	0.5	10	11.8	9.3	47	95	31	5	10	5	0	0	0	0	0	0	1	2	0	0	5.60	96	-	
HEREFORD & WORCESTER																																
REDFORD BANK ...	9 9	139	16.4	6.7	11.5	-	25.6	31	4.0	15.20	-	-	41	-	22	2	9	7	0	0	0	0	0	1	3	0	4	0	-	-		
HEREFORD ...	9 9	51	(17.4)	6.9	(12.1)	-	26.6	31	3.3	15	12.5	10.3	47	83	35	31	10	7	0	0	0	0	0	0	0	0	7	0	6.52	-	-	
LYONSALL ...	9 9	155	16.4	7.0	11.7	+0.6	25.5	31	4.0	3	-	-	50	70	26	4	11	7	0	0	0	0	0	0	0	0	2	0	-	-		
MALVERN ...	9 9	62	17.0	7.9	12.5	-	26.6	31	4.8	18	12.0	9.4	19	29	6	2	13	6	0	0	0	0	0	1	1	0	0	0	6.35	106	-	
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DISTRICT REGION/COUNTY AND PLACE	MAX. TEMP. (°C)	MIN. TEMP. (°C)	AIR TEMPERATURE IN DEGREES C				MEAN EARTH TEMPERATURE		RAINFALL (TERRAIN N 09 ONT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																														
			MEANS OF		HIGHEST MAXIMUM	LOWEST MINIMUM	NO CH DEGREES C	100 CH DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLUSH	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST	DRY SPRING CONCRETE BELOW 0°C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE																							
			MAX. (°C)	MIN. (°C)							DATE	DATE																																							
7A ENGLAND NW & I.O.N.																																																			
CHAMBER																																																			
CARLISLE ...	21-9	26	17.0	6.6	11.8	-	26.6	31	3.1	17	12.3	10.3	17	30	3	13	10	7	0	0	0	0	0	0	0	0	0	6.77	-	-																					
CARTMEL ...	9-9	35	16.7	6.5	11.6	-	25.9	31	1.6	10	-	-	24	5	3	14	10	0	0	0	0	0	0	0	0	0	-	-	-																						
CRIZEDALE ...	9-9	91	17.1	5.4	11.3	-	25.8	31	0.0	19	9.9	-	11	11	1	11	11	0	0	0	0	0	0	0	0	0	-	-	-																						
MOOR HOUSE ...	9-9	556	12.4	(2.5)	(7.5)	-	20.9	31	-3.6	19	6.9	-	11	11	1	11	11	0	0	0	0	0	0	0	0	0	6.36	-	-																						
NEWTON RIDG ...	9-9	171	16.3	5.8	11.1	-1.0	24.6	29.3	1.2	16	11.3	-	26	15	5	5	11	0	0	0	0	0	0	0	0	0	6.37	109	5																						
SELLAFIELD ...	9-9	13	(16.2)	(7.9)	(12.1)	-	26.2	31	5.0	10	-	-	6	9	3	13	4	3	-	-	2	0	0	0	0	0	-	-	-																						
LANCASHIRE																																																			
HAZELHEDG ...	9-9	95	15.6	7.5	11.5	-	24.7	31	4.5	19	-	-	21	-	5	13	9	6	0	0	0	0	0	0	0	0	7.08	-	-																						
HELSHORE ...	9-9	260	15.2	6.4	10.8	-	23.6	28	3.1	18	10.1	-	34	35	16	4	10	5	0	0	0	0	0	0	0	0	6.07	-	-																						
KIRKHAM ...	9-9	24	16.2	7.1	11.7	-	26.4	31	1.9	10	-	-	18	28	15	31	10	5	0	0	0	0	0	0	0	0	7.06	-	-																						
NYRECARBE ...	9-9	7	16.7	6.6	12.7	-1.2	27.6	31	6.0	19	-	-	39	59	16	31	9	6	0	0	0	0	0	0	0	0	7.03	111	-																						
PRESTON ...	9-9	33	16.7	7.2	11.9	-	25.6	31	2.6	10	-	-	34	50	15	15	7	6	0	0	0	0	0	0	0	0	7.03	111	-																						
SLATBURN ...	9-9	192	16.0	5.7	10.9	-	24.5	28	1.7	17	-	-	17	19	5	11	10	5	0	0	0	0	0	0	0	0	6.46	-	-																						
BOURIES GATE AIRPORT	21-9	10	15.9	6.9	11.4	-0.5	26.8	31	2.2	19	-	-	22	36	6	31	11	6	0	0	0	0	0	0	0	0	7.54	109	-																						
STONTHURST ...	9-9	115	(16.6)	(6.6)	(11.6)	-	25.7	28.29	3.1	10	-	-	20	27	6	3	7	4	-	-	0	0	0	0	0	0	-	-	-																						
MERSEYSIDE																																																			
ALBURNTH ...	9-9	12	16.3	8.5	12.4	-	26.0	31	4.8	19	-	-	34	-	15	2	8	7	0	0	0	0	0	0	0	0	6.59	-	-																						
BIDSTON ...	9-9	60	15.3	8.4	11.9	-	26.1	31	5.5	15	-	-	47	-	17	15	11	8	0	0	0	0	0	0	0	0	7.10	-	-																						
ST HELENS ...	9-9	76	16.9	7.9	12.4	-	26.5	31	4.3	19	12.5	-	30	7	7	-	10	7	0	0	0	0	0	0	0	0	6.98	-	-																						
SOUTHPORT ...	9-9	5	15.6	7.2	11.4	-0.3	26.3	31	2.6	19	12.1	9.3	25	37	5	2	11	7	-	-	-	-	-	-	-	0	7.00	102	-																						
WEST KIRBY PARK ...	9-9	7	16.4	7.8	12.1	-0.5	27.6	31	3.6	15	-	-	42	72	15	2	10	6	-	-	-	-	-	-	-	0	-	-	-																						
GREATER MANCHESTER																																																			
BOLTON ...	9-9	107	16.3	6.9	11.6	-	25.0	31	3.3	18	10.4	8.9	24	-	13	4	10	5	0	0	0	0	0	0	0	0	-	-	-																						
MANCHESTER ...	21-9	75	16.7	7.9	12.3	-1.0	26.7	31	4.7	19	-	-	53	55	17	4	11	8	0	0	0	0	0	0	0	0	6.95	117	-																						
RINGWAY AIRPORT	21-9	69	17.4	9.0	13.2	-	27.6	31	6.0	1.2	-	-	29	-	16	4	11	6	0	0	0	0	0	0	0	0	6.47	-	-																						
WEATHER CENTRE (X)	21-9	69	17.4	9.0	13.2	-	27.6	31	6.0	1.2	-	-	29	-	16	4	11	6	0	0	0	0	0	0	0	0	6.47	-	-																						
CHESHIRE																																																			
KNUTSFORD ...	9-9	65	(17.0)	(6.7)	(11.9)	-	26.5	31	3.5	10	11.4	9.8	40	61	22	2	10	8	0	0	0	0	0	0	0	0	-	-	-																						
MCCLESFIELD ...	9-9	152	16.3	7.1	11.7	-0.6	25.6	31	3.1	19	-	-	21	33	10	4	8	5	1	0	0	0	0	0	0	0	-	-	-																						
WESS GARDENS ...	9-9	30	16.0	7.4	11.7	-	26.6	31	4.0	15	12.1	-	40	69	19	2	12	7	0	0	0	0	0	0	0	0	6.35	-	-																						
ISLE OF MAN																																																			
DOUGLAS ...	9-9	85	14.9	7.9	11.4	-1.1	23.9	31	3.6	15	-	-	13	17	7	2	6	3	0	0	0	0	0	0	0	0	7.62	108	-																						
POINT OF AYRE ...	21-9	9	14.8	7.3	11.1	-0.3	23.1	29	2.8	16	-	-	12	18	4	2	7	5	0	0	0	0	0	0	0	0	7.93	111	-																						
RONALDSWAY AIRPORT ...	21-9	16	14.7	7.2	10.9	-0.6	23.7	31	1.9	15.16	-	-	22	39	8	2	8	6	0	0	0	0	0	0	0	0	7.70	111	-																						
7B WALES N																																																			
GWYNEDD																																																			
BALA ...	9-9	163	15.9	4.5	10.2	-	25.2	28	-0.2	10	11.2	9.7	38	48	9	4	10	8	0	0	0	0	0	0	0	0	6.02	-	-																						
BARDSEY ISLAND ...	21-9	15	13.2	8.0	10.6	-	22.5	10	5.9	4	-	-	18	31	6	31	8	5	0	0	0	0	0	0	0	0	-	-	-																						
BETWS-Y-COED ...	9-9	20	17.7	5.6	11.7	-	27.8	31	0.9	10	11.6	-	33	-	10	2.3	12	7	0	0	0	0	0	0	0	0	-	-	-																						
BOTWYNOG ...	9-9	34	15.9	7.3	11.6	-	25.5	31	3.5	15	12.5	11.5	33	45	21	31	10	5	0	0	0	0	0	0	0	0	8.07	-	-																						
CAWSTWYLLYN ...	9-9	204	15.7	7.4	11.5	-	26.0	31	3.0	15.16	-	-	34	-	7	3	9	8	-	-	-	-	-	-	-	0	7.11	-	-																						
LLYN ALAW ...	9-9	44	15.6	7.1	11.3	-	23.5	29.31	2.5	15	-	-	20	-	4	31	12	6	-	-	-	-	-	-	-	0	7.66	-	-																						
PEW-Y-FFRIDD ...	9-9	84	16.5	7.0	11.7	-	26.7	29.31	2.6	15	-	-	37	52	17	31	10	8	0	0	0	0	0	0	0	0	7.84	-	-																						
TRAFWYNYDD ...	9-9	193	16.0	6.9	11.5	-	26.5	31	2.9	3	-	-	33	33	9	3	9	7	-	-	-	-	-	-	-	0	-	-	-																						
VALLEY ...	21-9	10	16.2	7.6	11.9	-0.9	27.7	31	3.0	15	-	-	17	30	5	31	8	6	0	0	0	0	0	0	0	0	8.27	116	-																						
CLWYD																																																			
ALLEN ...	9-9	335	14.9	3.5	9.2	-	24.3	31	-0.6	18	-	-	41	47	13	2	11	8	-	-	-	-	-	-	-	0	-	-	-																						
BALCHMYTH ...	9-9	386	13.9	5.7	9.8	-	23.3	31	2.8	19	8.7	-	58	66	21	2	13	12	0	0	0	0	0	0	0	0	-	-	-																						
CALATH BAY ...	9-9	18	14.7	7.8	11.5	-	26.0	31	3.9	15	12.0	-	31	62	12	2	9	5	0	0	0	0	0	0	0	0	8.10	119	-																						
CARWEN ...	9-9	144	15.7	4.5	10.1	-	25.2	31	-0.2	21	-	-	58	50	17	4	10	8	0	0	0	0	0	0	0	0	-	-	-																						
HWARDEN BRIDGE ...	9-9	5	16.8	6.7	11.7	-0.1	27.7	31	2.8	15	-	-	40	70	16	2	12	7	0	0	0	0	0	0	0	0	-	-	-																						
LOOGERHEADS ...	9-9	210	14.9	5.0	9.9	-	24.1	31	0.7	16	10.2	9.4	55	79	18	2	13	11	0	0	0	0	0	0	0	0	7.02	-	-																						
PRESTATYN ...	9-9	4	15.4	7.9	11.7																																														

MAY 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL WIND DIRECTION HEAT OF STATION HEIGHT OF OBSERVATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE	
		MEANS OF		DAILY MEAN (MEAN OF 24 H)	HIGHEST MAXIMUM	LOWEST MINIMUM	50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE (MM)	MOST IN A DAY	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DRIZZLE MIN. BELOW 0 DEG C RELATIVE HUMIDITY BELOW 0 DEG C	DRIZZLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	
		MAX. (H)	MIN. (H)																				
BA WALES S CONTINUED																							
WEST GLANORGH	21-9	36	16.2	8.9	12.5	-	-	-	-	23	27	6	4	10	7	0	0	0	0	0	0	0	0
MURLES HEAD	9 9	62	15.6	8.3	12.5	26.3	31	3.4	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEATH	9 9	87	16.4	8.2	12.3	24.5	31	4.8	6	12.5	11.3	21	26	9	1	9	5	0	0	0	0	0	0
PENMAEN	9 9	5	17.3	7.9	12.6	27.0	31	2.5	15	33	45	11	1	11	7	0	0	0	0	0	0	0	0
PORT TALBOT	9 9	10	16.2	8.7	12.5	22.8	28	5.0	6.15	13.6	11.9	21	28	8	1	7	6	0	0	0	0	0	0
SWANSEA	9 9	5	16.2	7.1	11.7	24.8	31	2.8	16	19	-	1	8	1	9	6	0	0	0	0	0	0	0
WHITEFORD BURROWS	9 9	5	16.2	7.1	11.7	24.8	31	2.8	16	19	-	1	8	1	9	6	0	0	0	0	0	0	0
KID GLANORGH																							
WATERFORD FILTER STATION	21-9	194	16.3	6.8	11.5	24.6	31	2.3	15	-	-	33	-	11	31	13	9	0	0	0	0	0	0
CILFYNOYD	9 9	174	16.3	6.8	11.5	24.6	31	2.3	15	-	-	33	-	11	31	13	9	0	0	0	0	0	0
LYMNOYD	9 9	241	15.7	5.9	10.8	24.6	31	1.2	15	-	-	29	27	6	11	13	10	0	0	0	0	0	0
PORTHAWL	9 9	6	16.3	7.3	11.8	26.7	27	3.4	13.4	-	-	37	57	15	1	7	7	0	0	0	0	0	0
SOUTH GLANORGH																							
BRIDGEND	9 9	40	-	7.4	-	-	-	2.5	15	12.9	10.2	31	-	12	1	12	9	0	0	0	0	0	0
CARDOFF (BUTE PARK)	9 9	9	17.3	7.4	12.3	26.3	31	2.7	15	-	11.1	31	-	8	1	13	8	0	0	0	0	0	0
RODGERS AIRPORT	21-9	67	16.0	7.2	11.6	25.9	31	2.6	6	-	-	49	-	17	31	11	8	0	0	0	0	0	0
OMERT																							
CRUMLAND	9 9	245	15.9	6.8	11.3	26.6	31	2.6	6	10.7	9.3	25	31	5	14	11	8	0	0	0	0	0	0
USK	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB ENGLAND SW																							
AVON																							
BATH	9 9	118	16.7	7.5	12.1	26.0	31	3.5	3	12.0	-	30	43	17	1	9	6	0	0	0	0	0	0
FILTON	21-9	59	16.7	7.6	12.1	26.9	31	3.7	3	-	-	20	32	8	1	9	6	0	0	0	0	0	0
LONG Ashton	9 9	51	16.9	7.1	12.0	26.5	31	3.2	6	12.0	-	34	49	17	1	9	6	0	0	0	0	0	0
SOMERSET																							
CANNINGTON	9 9	28	16.8	7.3	12.1	27.0	31	3.0	16.17	13.5	-	52	82	39	1	8	6	0	0	0	0	0	0
CREMORNE	9 9	101	16.3	7.0	11.7	25.8	31	3.9	18	12.3	-	49	53	32	1	8	6	0	0	0	0	0	0
DOWNSIDE ABBEY	9 9	183	16.0	6.8	11.4	25.3	31	2.7	6	-	-	45	53	23	1	11	7	0	0	0	0	0	0
EXTON	21-9	324	15.3	6.6	10.9	23.5	31	2.1	15	-	-	44	21	1	11	9	0	0	0	0	0	0	0
HARTLAND	9 9	314	14.5	5.9	10.2	23.2	31	2.1	15	-	-	54	50	25	1	8	0	0	0	0	0	0	0
NETTLECOMBE	9 9	96	15.9	-	-	22.6	30	-	-	13.0	-	56	-	27	1	8	0	0	0	0	0	0	0
NETTLECOMBE (BIRDS HILL)	9 9	280	14.0	7.4	10.7	21.0	31	3.9	6	-	-	61	-	31	1	11	8	0	0	0	0	0	0
RODNEY STONE	9 9	40	16.4	7.1	11.7	26.2	31	3.4	15	12.0	10.3	36	52	23	1	12	6	0	0	0	0	0	0
WINCANTON	9 9	113	16.7	6.8	11.7	26.3	31	3.0	3	-	-	36	52	25	1	7	4	0	0	0	0	0	0
YEOVILTON	21-9	18	17.2	6.6	11.9	26.9	31	2.3	10	-	-	41	64	29	1	8	4	0	0	0	0	0	0
DORSET																							
BOURNEMOUTH	21-9	10	16.6	6.1	11.3	26.0	31	1.8	15	-	-	39	67	26	1	9	6	0	0	0	0	0	0
MURN AIRPORT	9 9	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METRICK PARK	9 9	3	16.4	7.3	11.9	24.0	31	2.9	3	-	-	34	61	23	1	9	5	0	0	0	0	0	0
CHRISTCHURCH	9 9	3	16.7	7.1	11.9	25.5	31	3.2	16	12.0	10.8	41	71	22	1	10	8	0	0	0	0	0	0
POOLE	9 9	5	16.7	7.1	11.9	25.5	31	3.2	16	12.0	10.8	41	71	22	1	10	8	0	0	0	0	0	0
PORTLAND BILL	21-9	53	14.4	8.6	11.5	20.3	28	5.7	6	-	-	25	-	20	1	6	3	0	0	0	0	0	0
(CARSTOURD)	9 9	11	15.1	8.3	11.7	20.0	23	4.2	16.17	-	-	33	60	28	1	8	4	0	0	0	0	0	0
SWOORE	9 9	23	16.6	7.0	11.8	22.2	28	3.4	17	-	-	33	-	26	1	5	4	0	0	0	0	0	0
MEYMOUTH	9 9	26	16.7	6.5	11.6	25.5	31	2.3	26	-	-	37	60	27	1	5	5	0	0	0	0	0	0
WIMBORNE	9 9	26	16.7	6.5	11.6	25.5	31	2.3	26	-	-	37	60	27	1	5	5	0	0	0	0	0	0
DEVON																							
CHARLEIGH	9 9	168	16.1	6.3	11.2	23.4	30.31	3.9	6	11.7	-	46	-	20	1	10	8	0	0	0	0	0	0
EXETER AIRPORT	21-9	32	16.7	7.0	11.9	24.0	30	2.9	16	-	-	43	71	19	1	10	9	0	0	0	0	0	0
EXMOUTH	9 9	59	16.1	7.8	11.9	21.8	28	5.0	16.16	-	-	29	46	17	1	11	7	0	0	0	0	0	0
WARMLAND POINT	21-9	93	15.5	6.4	10.9	20.5	31	5.1	17	-	-	21	36	9	1	5	4	0	0	0	0	0	0
(L'FRANCHE)	9 9	8	15.0	8.9	11.9	26.0	31	6.9	15.21	13.3	11.5	49	-	41	1	6	5	0	0	0	0	0	0
OKENWORTH	9 9	372	14.2	6.8	10.5	22.6	31	3.0	6	-	-	32	-	15	1	9	6	0	0	0	0	0	0
PLYMOUTH	9 9	372	14.2	6.8	10.5	22.6	31	3.0	6	-	-	32	-	15	1	9	6	0	0	0	0	0	0
MOUNT BATTEN																							
THE NOE	21-9	27	16.0	8.4	12.2	24.4	31	4.2	2	-	-	10	15	3	4	7	4	0	0	0	0	0	0
PRINCE POINT	9 9	36	16.3	8.9	12.6	24.6	31	5.0	2	13.0	11.0	10	15	3	4	7	4	0	0	0	0	0	0
PATRICIA	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SANDHURST	9 9	414	14.6	6.3	10.5	22.5	28	2.4	6	-	-	31	-	9	4	8	0	0	0	0	0	0	0
SANDHURST	9 9	10	16.0	8.0	12.0	24.0	30	4.0	16	-	-	65	104	20	14	8	5	0	0	0	0	0	0
SANDHURST	9 9	32	16.6	8.3	12.5	21.5	10	4.6	2.8	-	-	26	34	11	14	9	3	0	0	0	0	0	0
STARCROSS	9 9	9	15.7	7.3	11.5	21.2	28	4.7	16	12.9	-	29	44	18	1	10	6	0	0	0	0	0	0
TEIGNMOUTH	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TORRINGTON	9 9	8	15.9	8.7	12.3	21.4	10	5.2	2	-	-	25	36	10	15	10	5	0	0	0	0	0	0
TORRINGTON	9 9	8	15.9	8.7	12.3	21.4	10	5.2	2	-	-	25	36	10	15	10	5	0	0	0	0	0	0
CORNWALL																							
BASTRETT	9 9	236	15.5	5.0	10.3	24.0	30.31	3.0	2	-	-	24	20	7	14	9	7	0	0	0	0	0	0
BODMIN	9 9	15	15.2	4.4	11.3	27.1	31	2.7	17.25	13.5	-	15	24	6	4	5	4	0	0	0	0	0	0
CULROSS	9 9	81	14.9	7.8	11.3	20.7	28	3.5	1	-	-	20	31	7	2	7	7	0	0	0	0	0	0
FALMOUTH	9 9	51	15.3	8.2	11.7	20.0	26	4.5	6	-	-	19	25	5	2	7	5	0	0	0	0	0	0
FONEY	9 9	75	15.5	7.8	11.7	21.9	31	3.5	2	-	-	14	-	4	15	9	5	0	0	0	0	0	0
GULVAL	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GULVAL	21-9	66	14.1	9.0	11.5	19.0	29.30	6.7	17	-	-	14	-	3	6	7	5	0	0	0	0	0	0
LEZARD	9 9	73	14.4	8.4	11.4	20.6	28	5.7	6	-	-	16	27	5	8	7	5	0	0	0	0	0	0
LEZARD	9 9	53	14.6	8.0	11.3	24.1	30	3.8	1	-	-	15	25	5	8	7	5	0	0	0	0	0	0
PERNANCE	9 9	19	16.0	8.2	12.1	22.0	31	3.5	17	-	-	23	31	7	2	7	7	0	0	0	0	0	0
ROSEHARNE	9 9	76	14.9	8.1	11.5	23.2	31	5.9	2.7	13.3	11.3	18	25	6	2	8	5	0	0	0	0	0	0
ST AUSTELL (BETHEL)	9 9	55	15.8	7.9	11.9	21.7	31	4.6	17.21	-	-	15	-	4	4	8	5	0	0	0	0	0	0
ST JOHNS	9 9	128	16.3	6.4	11.3	25.7	31	1.7	17	-	-	18	22	4	4	9	6	0	0	0	0	0	0
ST MARGAN	21-9	103	15.3	8.2	11.7	24.4	31	4.9	17	-													

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMPERAL HIGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C				MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
			MEANS OF		HIGHEST MAXIMUM	LOWEST MINIMUM	50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1841-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1841-70 AVERAGE	EXPOSURE				
			MAX. (A)	MIN. (B)																									
			(MEAN OF A+B) (DIFFERENCE FROM 1841-70 AVERAGE)	(DIFFERENCE FROM 1841-70 AVERAGE)																									
NORTHERN IRELAND																													
LONDONDERRY																													
ADAMLOD	99	18	15.8	6.6	11.2	-	24.4	29	0.7	5	-	22	13	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARAGHER(CAUGH HILL)	99	216	15.1	5.5	10.3	-	22.5	31	1.2	22	-	21	13	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARHONEY	99	73	15.1	7.2	11.1	-	25.0	29.31	2.0	5	-	21	13	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLERAINE UNIVERSITY	99	23	15.4	5.9	10.7	-	24.6	31	2.3	20	11.0	8.8	34	13	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0
COLEKEERAGH	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERMOTYD FOREST	99	88	16.3	5.7	11.0	-	24.8	29	0.3	5	-	36	45	13	2	13	9	0	0	0	0	0	0	0	0	0	0	0	0
DRUMOHUR FOREST	99	88	15.6	5.2	10.4	-	24.0	29	1.1	5	-	8.5	40	7	2	15	10	0	0	0	0	0	0	0	0	0	0	0	0
LOUGHMORE FOREST	99	174	15.6	4.7	10.1	-	23.7	29	-1.2	5	-	38	50	8	11	14	10	0	0	0	0	0	0	0	0	0	0	0	0
HOWEYD	99	34	15.6	5.4	10.5	-	23.9	30	1.0	15	11.1	36	51	5	13	14	11	0	0	0	0	0	0	0	0	0	0	0	0
THROD POINT	99	16	15.7	5.3	10.5	-	23.0	31	0.2	5	-	17	40	5	6	11	3	0	0	0	0	0	0	0	0	0	0	0	0
ANTRIM																													
ALDERGROVE AIRPORT	21-9	68	16.2	6.3	11.3	+0.9	24.5	29	-0.4	5	11.5	9.0	25	40	8	13	8	0	0	0	0	0	0	0	0	0	0	0	0
BALNASHINCH	99	213	14.6	5.5	10.1	-	23.3	29	-0.1	5	-	25	26	7	13	12	7	0	0	0	0	0	0	0	0	0	0	0	0
BALLYMORFORD	99	24	14.9	6.5	10.7	-	21.8	28	3.4	5	-	33	-	12	2	10	7	-	-	-	-	-	-	-	-	-	-	-	-
BALLYPATRICK FOREST	99	152	14.6	5.3	9.9	-	23.5	31	0.2	15	-	34	43	12	1	13	7	0	-	-	-	-	-	-	-	-	-	-	-
CRAWLBOUGH	99	12	13.6	5.1	9.3	-	18.9	31	2.0	15	-	27	-	7	10	11	7	0	-	-	-	-	-	-	-	-	-	-	-
DAVEY MOUNTAIN	99	363	13.5	3.9	8.7	-	22.3	28	-2.2	15	-	48	58	10	13	9	9	0	-	-	-	-	-	-	-	-	-	-	-
GREENMOUNT	99	38	16.3	6.2	11.3	-	24.4	29	-0.5	5	12.0	-	25	43	8	13	8	7	0	-	-	-	-	-	-	-	-	-	-
HYDE PARK (MALUSK)	99	140	14.4	5.7	10.1	-	22.5	28.29	1.5	15	-	18	-	4	1	7	7	0	-	-	-	-	-	-	-	-	-	-	-
KILBOOT POWER STATION	99	12	14.8	6.6	10.7	-	22.2	29	2.0	16	-	29	-	9	2	12	9	0	-	-	-	-	-	-	-	-	-	-	-
LISNAPILLAN	99	38	16.0	4.9	10.5	-	24.4	29	-3.0	5	-	27	43	8	22	9	8	0	-	-	-	-	-	-	-	-	-	-	-
LONTOWN	99	271	13.8	5.0	9.8	-	21.3	29	2.0	5	9.2	-	39	41	8	2	12	8	0	-	-	-	-	-	-	-	-	-	-
PARKHUR FOREST	99	235	13.8	5.0	9.4	-	22.5	29	0.6	5.15	9.7	-	45	44	14	11	11	7	0	-	-	-	-	-	-	-	-	-	-
WOODBURN NORTH	99	217	13.8	5.4	9.6	-	21.2	29	0.5	16	-	31	38	9	2	13	10	0	-	-	-	-	-	-	-	-	-	-	-
BELFAST																													
ALDERGROVE TOWN	99	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HALLOWE	99	35	15.0	6.7	11.3	-	22.8	29	1.0	16	10.8	-	27	42	11	2	10	8	0	-	-	-	-	-	-	-	-	-	-
HILLTOWN	99	37	-	-	-	-	-	-	-	-	-	-	29	13	2	10	8	0	-	-	-	-	-	-	-	-	-	-	-
HEMTONARBEY	99	32	15.3	8.0	11.7	-	23.9	29	3.7	5	12.0	-	23	34	6	2	9	7	0	-	-	-	-	-	-	-	-	-	-
ROSEDAWK	99	47	15.6	6.8	11.2	-	23.1	29	3.5	15	-	25	-	11	2	11	7	-	-	-	-	-	-	-	-	-	-	-	-
ROSETTA	99	24	15.9	6.9	11.4	-	23.1	29	2.0	15.16	-	25	39	12	2	9	6	0	-	-	-	-	-	-	-	-	-	-	-
STORMONT CASTLE	99	56	15.2	7.2	11.2	-	22.3	29	3.0	5	11.6	9.8	27	43	12	2	9	7	0	-	-	-	-	-	-	-	-	-	-
DOWN																													
BANGOR SEACROFT	99	15	15.0	7.8	11.4	-	22.2	29	4.3	5	11.5	10.1	31	-	9	2	11	6	0	-	-	-	-	-	-	-	-	-	-
BALLYWALTER PARK	99	11	-	-	-	-	-	-	-	-	-	-	23	39	9	2	9	5	0	-	-	-	-	-	-	-	-	-	-
BALLYPATRICK COCK	99	6	15.0	6.5	10.7	-	21.9	28	2.1	16	11.5	9.8	29	54	9	2	10	7	0	-	-	-	-	-	-	-	-	-	-
DONPATRICK	99	26	15.5	6.6	11.1	-	22.9	31	1.4	16	-	21	-	12	2	11	5	-	-	-	-	-	-	-	-	-	-	-	-
HELENS BAY	99	43	15.6	7.2	11.4	-	23.4	29	3.6	5	-	26	46	9	2	10	5	0	-	-	-	-	-	-	-	-	-	-	-
HILLSBOROUGH	99	116	14.9	6.3	10.6	+0.7	22.8	29	1.0	5	10.3	-	27	45	9	2	11	7	0	-	-	-	-	-	-	-	-	-	-
MAGHERALLY	99	97	15.9	4.9	10.4	-	24.0	28	-0.5	16	-	25	-	4	2.13	11	9	0	-	-	-	-	-	-	-	-	-	-	-
MURLOUGH	99	9	14.5	5.9	10.2	-	20.7	31	1.6	5	10.4	9.0	31	-	13	2	12	9	0	-	-	-	-	-	-	-	-	-	-
NEARY	99	1	15.9	6.8	11.3	-	22.2	31	1.1	5	-	18	-	3	7	13	8	0	-	-	-	-	-	-	-	-	-	-	-
SILENT VALLEY	99	129	14.2	6.5	10.3	-	21.4	31	1.8	20	-	52	-	14	2	12	11	0	-	-	-	-	-	-	-	-	-	-	-
ARRAIGH																													
ARRAIGH	99	62	16.7	6.5	11.6	+0.7	24.0	31	0.0	5	12.5	10.7	29	47	6	2	12	8	0	-	-	-	-	-	-	-	-	-	-
LOUGHALL	99	25	16.5	6.0	11.3	-	24.0	31	-0.2	5	-	-	31	56	7	14	12	8	0	-	-	-	-	-	-	-	-	-	-
LURDON	99	55	16.8	6.4	11.6	-	24.2	29	0.9	5	11.3	9.6	21	37	8	13	10	8	0	-	-	-	-	-	-	-	-	-	-
TANDRAGEE	99	43	17.2	6.0	11.6	-	25.0	31	0.8	5	-	23	-	5	13	10	9	0	-	-	-	-	-	-	-	-	-	-	-
TYRONE																													
ALTAVEEDAH	99	175	15.5	5.3	10.4	-	23.2	29	-2.1	5	-	33	-	7	14	14	9	0	-	-	-	-	-	-	-	-	-	-	-
CARRIGAN	21-9	113	16.4	6.5	11.5	-	24.2	31	-0.5	5	-	39	50	9	14	12	10	0	-	-	-	-	-	-	-	-	-	-	-
COOKSTOWN	99	77	15.8	6.1	10.9	-	24.0	29	0.6	5	10.9	-	38	58	11	2	13	9	0	-	-	-	-	-	-	-	-	-	-
LOUGH BRADAN	99	169	15.3	5.9	10.6	-	24.2	31	0.5	5	-	44	47	8	14	12	11	-	-	-	-	-	-	-	-	-	-	-	-
POMEROY FOREST	99	174	15.1	5.6	10.3	-	22.4	28	-0.3	5	11.4	-	37	51	9	2	13	10	0	-	-	-	-	-	-	-	-	-	-
STRABANE CONVENT	99	44	16.7	6.6	11.7	-	25.9	31	-0.5	5	-	39	61	5	15	16	12	0	-	-	-	-	-	-	-	-	-	-	-
TEVENNY	99	41	16.3	5.8	11.1	-	24.7	31	-1.0	5	-	42	-	7	14	14	11	-	-	-	-	-	-	-	-	-	-	-	-
FERRARAIGH																													
CASTLE ARCHDALE	99	66	15.9	5.7	10.8	+0.5	24.4	31	-1.5	5	11.3	9.9	24	31	5	13	14	8	0	-	-	-	-	-	-	-	-	-	-
FOREST	99	156	15.3	6.5	10.9	-	24.4	31	2.0	5.20	-	-	28	-	3	11	7	0	-	-	-	-	-	-	-	-	-	-	-
CORRIGY	99	53	15.7	6.2	10.9	-	25.5	31	-0.3	5	-	-	18	-	3	3	11	7	0	-	-	-	-	-	-	-	-	-	-
KNOCKAREVAN	99	49	16.5	6.6	11.1	-	23.8	31	-0.7	5	-	-	15	20	3	7	9	8	0	-	-	-	-	-	-	-	-	-	-
LISNAKEA	99	49	16.5	6.6	11.1	-	23.8	31	-0.7	5	-	-	15	20	3	7	9	8	0	-	-	-	-	-	-	-	-	-	-
LOUGH NAYAR FOREST	99	148	15.8	5.2	10.5	-	24.2	31	-0.9	5	-	31	35	6	13	14	9	0	-	-	-	-	-	-	-	-	-	-	-

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (FEET)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT						VISIBILITY		WIND SPEED AND DIRECTION																																																																																					
			AT MSL (H)	DIFFERENCE FROM 101-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOR PRESSURE (H)	RELATIVE HUMIDITY (%)	OKTAS						0 - 35 M	40 - 150 M	200 - 350 M	400 - 550 M	1000 - 1500 M	2000 - 3000 M	4 - 9 KM	10 - 15 KM	20 - 35 KM	40 KM AND OVER	BEAUFORT FORCE																																																																											
									NUMBER OF OBSERVATIONS	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	0 - 35 M	40 - 150 M	200 - 350 M	400 - 550 M	1000 - 1500 M	2000 - 3000 M	4 - 9 KM	10 - 15 KM	20 - 35 KM	40 KM AND OVER	SPEED (KT)																																																																
																																				0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0 SCOTLAND N																																																																																																				
SHETLAND																																																																																																				
FAIR ISL.	61	9	1020.3	-	8.3	1.0	9.4	86	5.1	4	6	1	11	6	3	0	2	1	1	1	2	3	4	7	8	6																																																																										
		15	1020.2	-	8.7	1.1	9.7	86	4.6	3	7	2	8	7	2	0	1	0	1	1	3	4	6	5	5	3																																																																										
		21	1020.4	-	7.4	0.5	9.5	92	5.4	3	5	4	5	9	5	0	4	1	0	3	3	4	2	10	5	3																																																																										
LERNICK	03	9	1020.0	-	6.4	0.6	8.9	91	6.0	1	4	4	7	10	5	0	1	0	0	5	5	7	4	0	11	15																																																																										
		15	1020.4	+5.9	8.4	1.4	9.2	83	5.6	2	4	6	7	11	1	0	1	1	2	0	3	11	2	6	5	0																																																																										
		21	1020.2	-	9.4	1.7	9.5	80	5.5	3	4	3	11	9	1	0	1	2	0	4	7	8	1	0	1	12																																																																										
ORKNEY	21	9	1020.6	-	6.9	0.7	9.1	90	5.9	1	6	3	8	9	4	0	3	1	2	1	5	7	6	4	2	0																																																																										
		15	1019.7	-	6.0	0.4	9.4	94	6.0	1	5	5	11	7	4	0	1	2	2	0	3	7	5	9	2	0																																																																										
		21	1020.0	+5.4	10.1	1.4	10.2	82	5.1	5	4	6	13	6	1	0	0	0	1	1	2	6	6	8	2	0																																																																										
KIRKALL	26	9	1019.7	-	6.8	0.4	9.4	94	6.0	1	3	5	11	7	4	0	1	2	2	0	3	7	5	9	2	0																																																																										
		15	1019.7	-	11.4	1.8	10.7	78	4.8	2	7	6	9	7	0	0	0	0	1	1	6	6	6	10	7	0																																																																										
		21	1020.1	-	7.9	0.5	9.9	92	5.9	1	5	2	12	8	3	0	2	1	0	0	2	7	7	5	0	0																																																																										
WESTERN ISLES	7	9	1010.1	-	7.8	0.5	9.9	93	5.0	1	5	9	10	6	0	0	0	0	1	2	6	4	12	6	0	0																																																																										
		15	1010.4	+4.3	11.5	1.7	10.8	80	4.5	4	6	5	12	4	0	0	0	0	0	2	3	4	16	6	0	0																																																																										
		21	1010.8	-	9.7	1.0	10.5	87	4.7	2	11	1	9	6	2	0	0	0	2	0	0	4	6	11	8	0																																																																										
STORMARY	5	9	1010.6	-	7.7	0.5	9.9	93	5.2	1	6	7	10	7	0	0	0	0	1	1	6	5	14	4	0	0																																																																										
		15	1010.6	+4.6	10.0	1.2	10.5	85	4.7	1	10	3	12	5	0	0	0	0	0	0	7	7	10	7	0	0																																																																										
		21	1010.6	-	11.0	2.1	10.6	76	4.8	3	7	4	12	5	0	0	0	0	0	0	5	5	7	11	8	0																																																																										
HIGHLAND	21	9	1019.1	-	9.4	0.8	10.7	90	5.2	1	7	4	13	6	0	0	0	0	0	0	2	9	5	9	6	0																																																																										
		15	1019.5	-	8.4	1.2	9.3	84	5.4	3	5	4	8	8	3	0	1	2	0	0	3	4	13	8	0	0																																																																										
		21	1010.0	-	9.4	1.4	9.7	83	5.5	2	3	8	7	7	4	0	0	0	0	0	5	7	9	5	0	0																																																																										
DALCROSS	12	9	1010.1	-	9.5	1.3	10.0	84	6.2	0	3	7	6	11	4	0	2	2	0	0	3	5	10	9	0	0																																																																										
		15	1010.6	-	10.3	1.3	10.7	84	5.8	2	3	4	12	10	0	0	0	0	0	2	6	10	7	9	0	0																																																																										
		21	1010.6	-	13.6	2.6	11.4	73	5.5	1	4	6	13	7	0	0	0	0	0	0	6	9	7	9	0	0																																																																										
WICK	37	9	1010.8	-	7.0	0.6	9.1	91	5.7	2	4	3	13	7	2	0	1	0	2	1	6	4	9	3	5	0																																																																										
		15	1010.5	+5.2	9.5	1.3	9.9	83	5.3	4	5	1	14	6	1	0	1	0	0	2	12	3	6	6	0	0																																																																										
		21	1020.1	-	10.6	1.6	10.4	80	5.1	1	7	4	14	4	1	0	0	0	2	0	1	6	7	8	7	0																																																																										
1 SCOTLAND E																																																																																																				
GRAPIAN																																																																																																				
DYCE	59	9	1019.3	-	6.7	0.6	9.1	92	5.4	2	5	6	10	2	0	1	1	0	1	7	13	2	4	2	0	0																																																																										
		15	1019.4	+4.4	11.5	2.2	10.2	74	4.7	6	4	3	10	8	0	0	0	0	0	3	9	8	4	2	0	0																																																																										
		21	1019.7	-	9.4	1.2	10.1	85	4.8	1	10	2	9	9	0	0	0	0	2	2	16	2	6	3	0	0																																																																										
FRASERBURGH	22	9	1019.2	-	7.9	0.5	10.0	93	5.9	1	5	5	4	14	2	0	0	2	0	0	1	17	11	0	0	0																																																																										
		15	1019.6	+4.7	10.2	1.4	10.5	84	5.3	1	6	7	6	11	0	0	0	0	0	0	16	13	1	0	0																																																																											
		21	1019.2	-	11.3	1.5	11.1	83	5.2	2	5	8	6	10	0	0	0	0	0	2	14	15	0	0	0	0																																																																										
KINLOSS	6	9	1019.7	-	9.2	0.6	10.9	92	5.5	2	3	7	10	8	1	0	1	0	1	1	1	13	14	0	0	0																																																																										
		15	1019.4	-	7.7	0.7	9.6	90	6.1	0	4	4	14	8	1	0	1	2	0	5	8	6	3	6	0	0																																																																										
		21	1019.5	+4.7	11.2	1.6	10.7	79	5.4	2	5	4	14	6	0	0	0	0	0	1	10	6	5	9	0	0																																																																										
LOSSIENOUTH	6	9	1019.6	-	13.9	2.9	11.2	70	5.1	0	8	4	13	6	0	0	0	0	0	1	6	6	10	8	0	0																																																																										
		15	1019.5	-	10.5	1.4	10.7	83	4.8	1	9	4	9	8	0	0	0	0	0	2	7	10	4	8	0	0																																																																										
		21	1019.3	-	7.5	0.7	9.6	91	5.6	2	4	5	10	9	1	0	1	2	2	3	9	5	3	6	0	0																																																																										
TAYSIDE	15	9	1019.5	-	10.9	1.7	10.6	80	5.3	3	2	5	16	5	0	0	0	2	1	2	6	5	3	6	0	0																																																																										
		15	1010.8	-	13.1	2.8	10.6	70	5.1	0	10	3	11	7	0	0	0	0	0	0	7	7	10	7	0	0																																																																										
		21	1019.4	-	10.4	1.3	10.7	84	4.9	2	6	6	9	7	1	0	0	0	1	2	10	4	6	0	0	0																																																																										
USAN	35	9	1020.1	-	9.6	0.9	10.7	88	5.0	4	6	3	7	8	3	1	1	1	0	0	1	11	5	5	6	0																																																																										
		15	1019.6	-	11.0	1.4	11.0	83	4.5	4	6	6	6	9	0	0	0	0	2	1	9	6	8	5	0	0																																																																										
		21	1019.6	-	11.0	1.4	11.0	83	4.5	4	6	6	6	9	0	0	0	0	0	2	1	9	6	8	5	0	0																																																																									
FIFE	12	9	1019.2	-	7.1	0.7	9.2	90	5.5	2	6	2	10	10	1	0	1	1	1	2	4	7	5	8	2	0																																																																										
		15	1019.5	+4.6	10.6	1.8	10.2	78	5.3	2	6	2	10	10	1	0	0	1	1	2	7	9	5	6	0	0																																																																										
		21	1019.8	-	12.7	2.6	10.6	71	4.3	3	8	8	11	4	0	0	0	0	0	0	7	7	11	7	5	0																																																																										
LOTHIAN	21	9	1019.5	-	9.4	1.1	10.2	85	4.9	0	10	5	9	7	0	0	0	0	1	5	8	7	5	5	0	0																																																																										
		15	1019.5	-	9.4	1.1	10.2	85	4.9	0	10	5	9	7	0	0	0	0	1	5	8	7	5	5	0	0																																																																										
		21	1019.5	-	9.4	1.1	10.2	85	4.9	0	10	5	9	7	0	0	0	0	1	5	8	7	5	5	0	0																																																																										
TURNHOUSE	44	9	1019.1	-	7.5	0.9	9.2	87	5.5	3	6	0	9	13	0	0	0	0	1	0	2	12	8	8	0	0																																																																										
		15	1019.3	+4.2	11.2	1.9	10.4	77	5.1	2	8	2	14	5	0	0	0	0	0	2	12	13	3	2	0	0																																																																										
		21	1010.4	-	13.8	3.3	10.3	65	5.0	1	8	5	11	6	0	0	0	0	0	0	1	7	9	10	4	0																																																																										
6 SCOTLAND W	15	9	1019.2	-	10.6	1.6	10.4	80	5.5	1	6	3	15	6	0	0	0	0	0	0	4	9	7	2	0	0																																																																										
		15	1019.2	-	10.6	1.6	10.4	80	5.5	1	6	3	15	6	0	0	0	0	0	0	4	9	7	2	0	0																																																																										
		21	1019.2	-	10.6	1.6	10.4	80	5.5	1	6	3	15	6	0	0	0	0	0	0	4	9	7	2	0	0																																																																										
ABBOTSLINCH	9	9	1018.9	-	7.4	0.7	9.3	89	5.0	2	8	2	9	10	0	0	0	0	1	1	2	13	7	4	3	0	0																																																																									
		15	1019.2	+4.2	11.8	2.2	10.5	74	5.3	2	6	2	15	6	0	0	0	0	0	0	1	13	7	6	4	0	0																																																																									
		21	1019.1	-	15.7	4.4	10.1	57	5.3	1	6	3	15	6	0	0	0	0	0	0	5	8	13	5	0	0																																																																										
GLASGOW WEATHER CENTRE (X)	17	9	1018.9	-	11.5	2.2	10.2	74	4.6	0	11	5	12	3	0	0	0	0	0	0	5	8	13	5	0	0																																																																										
		15	1019.0	-	11.5	2.2	1																																																																																													

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (FEET)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT		VISIBILITY		WIND SPEED AND DIRECTION																									
			AT MSL (MB)	DIFFERENCE FROM 1961-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	WIND PRESSURE (MB)	RELATIVE HUMIDITY (%)	NUMBER OF OBSERVATIONS	OKTAS	BEAUFORT FORCE										N	NE	E	SE	S	SW	W	NW								
											SPEED (KT)																									
											SKIN OR MOIST																									
											2-3-5-7-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-23																									

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT				VISIBILITY				WIND SPEED AND DIRECTION																			
			AT MSL (Hb)	DIFFERENCE FROM 1961-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF NET BULB (DEGREES C)	WET BULB (DEGREES C)	VAPOR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS				0 - 99 M	100 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 2999 M	3000 - 3999 M	4000 - 4999 M	5000 M AND OVER	BEAUFORT FORCE													
										0	1-2	3-5	6-7										8	SKY (OBSERVED)	SPEED (KTS)											
																									0-7	8-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60
NUMBER OF OBSERVATIONS																																				
3 EAST ANGLIA -CONTO.																																				
ESSEX																																				
SHOEBURYNESS	5	9	1017.0	+0.6	11.3	1.3	11.4	85	5.7	2	4	3	13	9	0	0	0	0	0	0	0	0	0	0	0	7	24	0	11	8	4	1	2	0	4	
		15	1016.7	-	13.0	2.0	11.7	78	4.8	2	8	6	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		21	1017.4	-	9.8	0.8	10.9	89	4.5	4	8	1	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
STANSTED	102	3	1016.5	-	7.4	0.4	9.7	94	5.6	4	4	2	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1017.3	+1.2	10.9	1.6	10.6	81	5.2	3	5	6	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1016.6	-	14.8	3.6	10.5	64	4.7	2	8	6	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1017.5	-	9.9	1.3	10.2	84	3.9	6	9	3	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4 MIDLAND COUNTIES																																				
WEST YORKSHIRE																																				
HUDDESFIELD	235	3	1018.4	-	6.6	1.2	8.1	83	6.8	2	1	2	5	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ORKES		9	1019.0	-	10.4	1.9	9.8	78	5.5	6	2	3	3	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1018.4	-	14.6	3.7	10.4	63	5.6	3	2	6	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1019.0	-	10.1	1.5	10.2	82	6.0	4	1	3	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MILSDEN	267	3	1018.0	-	6.3	0.5	8.9	93	5.1	7	4	1	4	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1019.1	-	9.7	1.7	9.6	80	5.1	7	3	2	4	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1018.0	-	13.5	3.4	9.8	65	5.2	1	9	4	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1019.1	-	9.6	1.5	9.8	81	4.9	7	4	2	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SOUTH YORKSHIRE																																				
FINNINGLEY	15	3	1018.0	-	7.0	0.5	9.3	92	5.0	3	9	0	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1018.7	+3.0	11.2	1.9	10.3	77	5.2	4	5	4	7	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1017.8	-	15.6	3.8	11.0	62	4.5	2	8	7	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1018.6	-	10.2	1.3	10.5	84	4.9	7	4	1	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
NOTTINGHAMSHIRE																																				
MATNALL	119	3	1018.2	-	7.1	0.6	9.2	91	4.6	8	4	2	7	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1018.8	+3.2	11.0	2.0	10.0	77	4.9	4	7	3	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1017.9	-	14.9	3.6	10.7	65	4.5	1	10	4	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1018.7	-	10.3	1.3	10.5	84	4.5	3	10	1	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SALOP																																				
SHAMBUURY	76	3	1017.9	-	8.0	0.6	9.9	92	5.2	6	3	3	5	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1018.4	+2.7	11.6	1.9	10.7	78	4.5	5	4	8	5	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1017.4	-	15.7	3.8	11.1	63	5.0	0	4	12	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1018.2	-	11.2	1.4	11.1	83	4.4	5	9	1	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
WEST MIDLANDS																																				
EDGBASTON	165	9	1018.2	+2.2	10.6	2.1	9.5	75	4.8	5	5	5	5	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1017.2	-	14.9	4.1	9.8	60	5.1	2	8	2	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1018.0	-	12.6	2.7	10.2	71	4.6	4	6	5	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ELMDON	100	3	1017.9	-	6.7	0.6	9.0	91	4.6	7	5	3	3	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1018.3	+2.4	11.0	2.1	9.8	75	4.6	5	6	3	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1017.4	-	15.4	4.2	10.1	59	4.6	3	7	6	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1018.3	-	11.2	1.8	10.5	78	4.6	5	6	4	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
GLoucester																																				
INNORTH	24	3	1017.6	-	8.3	0.9	9.7	86	4.7	8	2	3	9	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1018.3	-	11.7	2.0	10.6	77	4.5	4	8	3	5	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1017.2	-	16.2	4.4	10.6	59	5.4	1	4	9	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1017.8	-	12.2	2.0	11.0	77	4.2	3	9	5	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
OXFORDSHIRE																																				
BENSON	74	3	1017.4	-	7.9	0.7	9.7	90	5.4	5	4	2	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1018.0	-	11.3	1.9	10.4	78	4.9	1	11	1	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1017.0	-	15.9	4.1	10.7	61	5.3	1	5	9	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1017.9	-	11.8	1.9	10.8	78	3.8	6	7	7	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
BRIZE NORTON	92	3	1017.2	-	7.9	0.8	9.5	88	4.6	8	4	2	7	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1017.8	-	11.2	2.1	10.0	75	4.8	4	4	7	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1016.7	-	15.8	4.2	10.4	59	5.0	2	6	7	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1017.6	-	11.9	2.0	10.8	77	4.1	5	7	6	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5 ENGLAND SE & CENT. S.																																				
GREATER LONDON																																				
HEATHROW	26	3	1016.7	-	8.0	0.7	10.3	90	4.6	7	5	1	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		9	1017.1	+1.2	12.1	2.0	10.9	78	4.7	3	9	2	7	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		15	1016.5	-	16.5	4.0	11.4	62	4.7	2	7	8	5	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1017.5	-	12.6	2.1	11.1	77	3.9	6	9	2	7	9	0																					

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1978

DISTRICT, REGION/COUNTY AND PLACE		HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT					VISIBILITY										WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				AT MSL (HPa)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF MET BULB (DEGREES C)	WINDY PRESSURE (HPa)	RELATIVE HUMIDITY (%)	OKTAS					0 - 50 M	40 - 150 M	200 - 350 M	400 - 950 M	1000 - 1500 M	2000 - 3000 M	4 - 9 KM	10 - 19 KM	20 - 59 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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DUNGENESS	7	3	1015.6	-	-	-	-	-	5	5	3	4	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			AT MSL (H)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	WIND PRESSURE (H)	RELATIVE HUMIDITY (%)	OKTAS					0 - 99 M	100 - 199 M	200 - 399 M	400 - 999 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 99 KM	40 KM AND OVER	BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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10119	10120-10139	10140-10159	10160-10179	10180-10199	10200-10219	10220-10239	10240-10259	10260-10279	10280-10299	10300-10319	10320-10339	10340-10359	10360-10379	10380-10399	10400-10419	10420-10439	10440-10459	10460-10479	10480-10499	10500-10519	10520-10539	10540-10559	10560-10579	10580-10599	10600-10619	10620-10639	10640-10659	10660-10679	10680-10699	10700-10719	10720-10739	10740-10759	10760-10779	10780-10799	10800-10819	10820-10839	10840-10859	10860-10879	10880-10899	10900-10919	10920-10939	10940-10959	10960-10979	10980-10999	11000-11019	11020-11039	11040-11059	11060-11079	11080-11099	11100-11119	11120-11139	11140-11159	11160-11179	11180-11199	11200-11219	11220-11239	11240-11259	11260-11279	11280-11299	11300-11319	11320-11339	11340-11359	11360-11379	11380-11399	11400-11419	11420-11439	11440-11459	11460-11479	11480-11499	11500-11519	11520-11539	11540-11559	11560-11579	11580-11599	11600-11619	11620-11639	11640-11659	11660-11679	11680-11699	11700-11719	11720-11739	11740-11759	11760-11779	11780-11799	11800-11819	11820-11839	11840-11859	11860-11879	11880-11899	11900-11919	11920-11939	11940-11959	11960-11979	11980-11999	12000-12019	12020-12039	12040-12059	12060-12079	12080-12099	12100-12119	12120-12139	12140-12159	12160-12179	12180-12199	12200-12219	12220-12239	12240-12259	12260-12279	12280-12299	12300-12319	12320-12339	12340-12359	12360-12379	12380-12399	12400-12419	12420-12439	12440-12459	12460-12479	12480-12499	12500-12519	12520-12539	12540-12559	12560-12579	12580-12599	12600-12619	12620-12639	12640-12659	12660-12679	12680-12699	12700-12719	12720-12739	12740-12759	12760-12779	12780-12799	12800-12819	12820-12839	12840-12859	12860-12879	12880-12899	12900-12919	12920-12939	12940-12959	12960-12979	12980-12999	13000-13019	13020-13039	13040-13059	13060-13079	13080-13099	13100-13119	13120-13139	13140-13159	13160-13179	13180-13199	13200-13219	13220-13239	13240-13259	13260-13279	13280-13299	13300-13319	13320-13339	13340-13359	13360-13379	13380-13399	13400-13419	13420-13439	

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

MAY 1978

STATION	MAXIMUM °C										STATION	MAXIMUM °C									
	MINIMUM °C											MINIMUM °C									
	6.0 OR LESS	6.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	30.1 TO 35.0	35.1 TO 40.0	40.1 TO 45.0		6.0 OR LESS	6.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	30.1 TO 35.0	35.1 TO 40.0	40.1 TO 45.0
LERWICK (PSYCHROMETER)	0	0	15	14	2	0	0	0	0	0	CAMBRIDGE BOTANIC GARDENS	0	0	0	13	12	4	2	0	0	0
LERWICK (SCREEN)	0	0	15	14	2	0	0	0	0	0	EDINBURGH	0	0	3	11	11	5	1	0	0	0
STORNOWAY	0	0	6	16	8	1	0	0	0	0	KEM (PSYCHROMETER)	0	0	1	8	17	2	1	0	0	0
CRAIGSTONE	0	0	8	13	7	3	0	0	0	0	KEM (NORTH-WALL SCREEN)	0	0	1	8	16	4	2	0	0	0
ROTHEBY	0	0	2	12	13	4	0	0	0	0	HARTINGS	0	0	2	13	12	2	2	0	0	0
ABBOTSINCH	0	0	1	12	12	4	2	0	0	0	SOUTHAMPTON	0	0	0	10	14	5	2	0	0	0
ESKDALEHAIR (PSYCHROMETER)	0	0	3	11	12	5	0	0	0	0	STONYHURST	0	0	1	13	11	2	4	0	0	0
ESKDALEHAIR (SCREEN)	0	0	3	11	11	5	1	0	0	0	VALLEY	0	0	1	13	12	3	2	0	0	0
DOUGLAS	0	0	4	12	11	4	0	0	0	0	RHOODE	0	0	2	10	13	5	1	0	0	0
BOULNER	0	0	10	15	6	0	0	0	0	0	FALMOUTH	0	0	0	16	15	0	0	0	0	0
HULL	0	0	1	18	10	1	0	0	0	0	ALDERBOROUGH	0	0	1	11	14	5	0	0	2	0
DORLESTON	0	0	1	18	10	1	0	0	0	0	ARRAH	0	0	2	10	14	5	0	0	1	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

MAY 1978

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			34 KT OR MORE (GALE FORCE)					22-33 KT		11-21 KT		4-10 KT		LESS THAN 4 KT		HOURS OF NO RECORD					HOURS OF RECORD					HIGHEST WIND					GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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			ABOVE HSL	ABOVE GROUND	EFFECTIVE	DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF 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HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

99
MAY 1978

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																
			34 KT OR MORE (GALE FORCE)					22-33 KT					HOURS OF NO RECORD					HOURS OF RECORD																											
			DATE OF OCCURRENCE					NUMBER OF HOURS					NUMBER OF DAYS					YEAR																											
ABOVE NSL		ABOVE GROUND EFFECTIVE																					HOURS OF NO RECORD		HOURS OF RECORD		YEAR		SPEED-KT		DAY		HOURS		YEAR		SPEED-KT		DAY		TIME				
3 EAST ANGLIA - CONTINUED																																													
CAMBRIDGESHIRE	MARHAM	29	10	10																					0	1	3	186	430	125	0	7.9	360	23	24	17	360	35	24	1330					
	WITTERING	87	10	10																					0	0	0	226	421	97	0	8.1	310	19	12	00	320	34	12	0012					
SUFFOLK	WYTON	45	10	10																					0	0	0	168	448	128	0	7.4	300	18	12	15	320	30	12	0054					
	HONINGTON	60	13	13																					0	0	0	137	469	138	0	7.3	350	21	24	14	320	34	12	0148					
BEDFORDSHIRE	WATTISHAM	105	17	10																					0	2	10	282	411	41	0	9.7	340	25	24	16	260	36	12	0200					
	BEDFORD	94	13	9																					0	0	0	156	506	82	0	7.6	330	18	12	01	290	35	12	0042					
HERTFORDSHIRE	CARDINGTON	70	41	41																					0	0	0	202	446	96	0	8.1	030	21	9	15	310	35	12	0854					
	OSTON	94	15	10																					0	0	0	25	520	199	0	5.2	310	17	12	02	310	31	12	0142					
ESSEX	SHOEBURYNESSE	17	14	12																					0	0	0	135	511	96	2	7.5	330	17	12	03	340	31	12	0340					
	STANSTED	108	10	10																					0	0	0	154	511	79	0	7.8	320	18	12	07	300	35	12	0118					
4 MIDLAND COUNTIES																																													
WEST YORKSHIRE	WILSDEN	272	10	10																					0	0	0	111	447	186	0	6.6	260	18	11	19	270	30	11	1936					
	FINNINGLEY	19	10	10																					0	0	0	61	460	223	0	6.1	290	17	12	12	300	29	12	1136					
SOUTH YORKSHIRE	HIGH BRADFELD	405	10	10																					0	4	23	201	376	144	0	8.7	250	26	11	20	240	40	11	2006					
	SHEFFIELD UNIVERSITY	146	29	15																					0	0	0	92	442	206	0	5.9	290	17	12	13	280	35	23	1706					
NOTTINGHAMSHIRE	WATNALL	133	16	10																					0	0	0	119	506	119	0	6.8	040	15	8	16	300	29	11	2300					
	CELLARHEAD	241	13	8																					0	0	0	126	459	159	0	6.8	310	18	11	22	300	30	11	2142					
STAFFORDSHIRE	KEELE	215	15	10																					0	0	0	37	376	331	0	4.4	320	17	11	22	310	34	12	0700					
	SHAWBURY	84	12	10																					0	0	0	133	410	200	1	6.7	330	20	11	22	330	38	11	2212					
WEST MIDLANDS	BIRMINGHAM																																												
	EDGBASTON	196	36	22																					0	0	0	67	344	333	0	4.9	340	18	11	23	340	38	11	2324					
OXFORDSHIRE	ELMDON AIRPORT	104	10	10																					0	0	0	110	422	212	0	6.2	330	19	11	23	330	35	11	2324					
	BENSON	67	10	10																					0	0	0	88	463	193	0	6.2	020	16	1	10	310	29	12	1200					
	BRIZE NORTON	91	13	10																					0	0	0	134	459	151	0	6.9	320	16	12	08	280	39	12	0048					
	OXFORD	113	50	22																					0	0	0	113	492	130	9	7.0	330	17	12	01	340	41	12	0130					
5 ENGLAND SE & CENTRAL S																																													
GREATER LONDON	HEATHROW AIRPORT	34	10	10																					0	0	0	100	513	131	0	6.8	330	17	12	02	330	32	12	0230					
	KEN	28	23	15																					0	0	0	48	460	236	0	5.5	330	14	12	02	340	32	12	1036					
	LONDON WEATHER CENTRE	93	70	38																					0	0	0	193	460	91	0	8.1	320	17	12	02	310	37	12	0236					
	POST OFFICE TOWER	174																							0	4	12	387	334	11	0	11.5	330	28	12	02	360	44	12	0306					
MILTSHIRE	BOSCOMBE DOWN	130	17	17																					0	0	0	165	459	120	0	7.6	340	18	12	02	330	28	12	0218					
	LARKHILL	145	13	10																					0	0	0	105	504	135	0	6.8	040	18	9	12	350	27	12	0224					
	LYNEHAM	160	14	13																					0	0	0	132	485	127	0	7.1	030	17	9	12	350	26	12	0130					
	PORTON	120	10	10																					0	0	0	94	458	192	0	6.3	320	16	12	02	350	29	12	0248					
KENT	DOVER	27	21	18																					0	8	38	381	255	39	31	12.0	320	27	12	04	320	39	12	0424					
	DUNGENESS	16	10	10																					0	1	1	314	393	36	0	9.9	340	22	12	08	310	33	12	0406					
	EAST MALLING	33	12	10																					0	0	0	29	351	364	0	4.1	320	16	12	07	320	31	12	0754					
	ISLE OF GRAIN	15	12	10																					0	0	0	75	502	162	5	6.4	070	17	18	14	310	28	12	0254					
HAMPSHIRE	MANSTON	62	18	18																					0	0	0	283	392	69	0	9.3	350	20	24	19	320	33	12	0424					
	CALSHOT	15	13	10																					0	0	0	235	378	127	4	8.1	320	19	12	03	300	29	12	0312					
	FARNBOROUGH	75	10	10																					0	0	0	45	446	253	0	5.5	320	16	12	09	320	31	12	0216					
	MIDDLE WALLOP	94	10	10																					0	0	0	119	440	172	13	6.7	320	17	12	08	330	29	12	0224					
WEST SUSSEX	ORTWICK AIRPORT	69	10	10																					0	0	0	96	454	194	0	6.4	340	19	12	03	340	38	12	0312					
7A ENGLAND NW & I O M																																													
CUMBRIA	CARLISLE	41	13	9																					0	0	0	124	395	225	0	6.5	090	17	1	10	090	30	2	0748					
	GREAT DUN FELL	857	10	10	2 8																					9	11	117	296	244	42	36	13.7	060	40	2	12	060	48	2	1254				
	MOOR HOUSE	595	13	12	DEFECTIVE RECORD																																								
	SELLAFIELD	25	12	11																					0	0	0	39	398	307	0	4.9	300	14	23	17	290	23	12	0354					
LANCASHIRE	FLEETWOOD	34	15	9																					0	4	20	145	376	203	0	7.4	320	26	12	21	320	35	12	2136					
	SQUIRES GATE AIRPORT	22	12	11																					0	0	0	194	453	97	0	8.2	320	21	12	23	300	31	12	2036					
MERSEYSIDE	ALBURNTH	38	23	11																					0	0	0	117	433	179	15	6.4	300	20	12	23	300	32	12	2154					
	GREATER MANCHESTER																																												
MANCHESTER	RINGWAY AIRPORT	80	10	10																					0	0	0	129	433	182	0	6.7	310	18	23	16	310	31	23	1624					
	WEATHER CENTRE	82	45	17																					0	0	0	41	383	320	0	4.8	060	16	2	08	070	32	2	1518					
ISLE OF MAN	POINT OF AYRE	20	10	10																					0	5	47	254	333	110	0	10.1	310	26	12	20	310	38	12	2054					
	RONALDSWAY	25	10	10																					0	4	12	194	386	152	0	8.0	330	25	12	22	330	40	12	2112					
7B WALES N																																													
GWYNEDD	VALLEY	26	16	12																					0	1	4	209	382	149	0	8.1	340	23	24	10	310	35	12	1836					
8A WALES SOUTH																																													
DYFED	ABERPORTH	144	10	10																					0	1	5	159	408	172	0	7.3	330	25	13	05	340	35	13	0554					
	BRANDY	121	10	10																					0	2	2	156	494	92	0	8.0	010	24	5	11	010	32	5	1142					
SOUTH WALES	MILFORD HAVEN	47	10	10																					0	0	0	127	459	155	3	6.9	020	21	5	10	020	34	5	1036					
	PORT TALBOT	30	11	7																					0	0	0	144	349	251	0	5.9	350	20	24	05	350	29	24	0548					
WEST GLAMORGAN	CILFYNYDD	210	16	16																					0	0	0	49	419	272	4	5.4	210	16	31	15	240	28	31	1506					
	RHOOSE AIRPORT	74	10	10																					0	0	0																		

TABLE 6 ADDITIONS AND CORRECTIONS

YEAR MONTH AND STATION		HEIGHT OF WIND IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED								HOURS OF NO RECORD		HOURS OF NO RECORD		HOURS OF NO RECORD		HOURS OF NO RECORD		HOURS OF NO RECORD		HIGHEST VALUES						
		ABOVE MSL	ABOVE GROUND EFFECTIVE	34 KT OR MORE (GALE FORCE)				22-33 KT		11-21 KT	4-10 KT											LESS THAN 4 KT	HOURLY WIND		DUST			
				DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS OF NO RECORD	NUMBER OF HOURS OF NO RECORD	NUMBER OF HOURS OF NO RECORD	NUMBER OF HOURS OF NO RECORD											YEAR	SPEED-KT	DAY	YEAR	SPEED-KT	DAY	TIME
1978 JANUARY	CULDOSE									4 12 174								18 23			1 2300							

